Galectin 14 (GAL14) Recombinant Protein

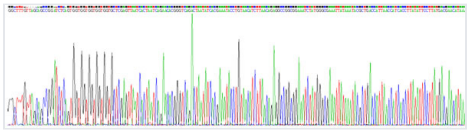
PRODUCT OVERVIEW

Product Name	Galectin 14 (GAL14), Recombinant Protein
Full Product Name	Recombinant Galectin 14 (GAL14)
Product Gene Name	GAL14 recombinant protein
Product Synonym Gene Name	LGALS14; CLC2; PPL13
Product Synonym Names	Placental Protein 13-Like; Lectin,Galactoside-Binding Soluble 14; Charcot-Leyden crystal protein 2
Host	E.coli
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Purity/Purification	> 90%
Concentration	Original Concentration: 150ug/mL (lot specific)
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Antibody: GAL14 (MBS2141730) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2143311) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2144890) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2146470) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2148051) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2149632) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2151212) Immunogen: GAL14 (MBS2034522)
Matching Pairs	Antibody: GAL14 (MBS2152787) Immunogen: GAL14 (MBS2034522)
Molecular Weight	Predicted Molecular Mass: 19.8kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Organism Species	Homo sapiens (Human)

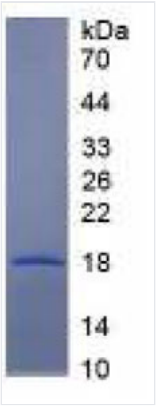
Source	Prokaryotic expression
Residues	Met1~Asp139
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for GAL14 recombinant protein	Positive Control; Immunogen; SDS-PAGE; Western Blot (WB).
Related Product Information for GAL14 recombinant protein	MBS2034522 is a recombinant protein targeting GAL14. Also known as Recombinant Galectin 14 (GAL14). Host: E.coli.
Other Notes	Small volumes of GAL14 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

MSSLPVPYTL PVSLPVGSCV IITGTPILTF VKDPQLEVNF YTGMDEDSDI
AFQFRLHFGH PAIMNSCVFG IWRYEEKCYY LPFEDGKPFE LCIYVRHKEY
KVMVNGQRIY NFAHRFPPAS VKMLQVFRDI SLTRVLISD

Sequence of GAL14 recombinant protein



Gene Sequencing (Extract) of GAL14 recombinant protein



SDS-PAGE of GAL14 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GAL14. It may not necessarily be applicable to this product.

NCBI GI #	57163983
NCBI GeneID	443162
NCBI Accession #	NP_001009251.1
GenBank Nucleotide #	NM_001009251.1
NCBI Official Full Name	galectin-14
NCBI Official Symbol	LOC443162
Protein Family	Gallinacin
NCBI Protein Information	galectin-14

Research Articles on GAL14	**1.** Galectin-14 is spontaneously released by eosinophils isolated from allergen-stimulated mammary gland lavage, but not by resting peripheral blood eosinophils.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/gal14-recombinant-protein/galectin-14/2034522