Hyaluronan Synthase (HAS) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hyaluronan Synthase, Recombinant Protein
Full Product Name	Recombinant Human Hyaluronan Synthase (HAS)
Product Gene Name	HAS recombinant protein
Host	Yeast
Form/Format	Lyophilized Powder
Purity/Purification	>95 % as determined by SDS-PAGE Affinity purification
Preparation and Storage	Store it under sterile conditions at -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.Samples are stable for up to twelve months from date of receipt at -86 degree C.
Molecular Weight	38.2kDa
Species of Origin	Human
Endotoxin	< 1.0 EU per mug of the protein as determined by the LAL method
Storage Buffer	Lyophilized from sterile 20mM PB, 240mM NaCl, PH6.0.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for HAS recombinant protein	Western Blot (WB), ELISA (EIA)
Application Notes for HAS recombinant protein	Western blotting, ELISA, Albumin-bound fluorescence was used in serum of patients with chronic renal failure.
Related Product Information for HAS recombinant protein	Hyaluronan or hyaluronic acid (HA) is a high molecular weight unbranched polysaccharide synthesized by a wide variety of organisms from bacteria to mammals, and is a constituent of the extracellular matrix. It consists of alternating glucuronic acid and N-acetylglucosamine residues that are linked by beta-1-3 and beta-1-4 glycosidic bonds. HAS is a member of the newly identified vertebrate gene family encoding putative hyaluronan synthases, and its amino acid sequence shows significant homology to the hasA gene product of Streptococcus pyogenes, a glycosaminoglycan synthetase (DG42) from Xenopus laevis, and a recently described murine hyaluronan synthase.
Other Notes	Small volumes of HAS 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.
Searchable Terms for HAS purchase	MBS283691 is a recombinant protein targeting HAS. Also known as Recombinant Human Hyaluronan Synthase (HAS). Host: Yeast.

ADDITIONAL DETAILS

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

NCBI GI #	9631667
NCBI GeneID	918007
NCBI Accession #	NP_048446.1
UniProt Related Accession #	Q84419
GenBank Nucleotide #	NC_000852.5

NCBI Official Full Name	Hyaluronan synthase
NCBI Official Symbol	A098R
UniProt Protein Name	Hyaluronan synthase
UniProt Synonym Protein Names	Hyaluronan synthase
Protein Family	Hyaluronan synthase
UniProt Gene Name	A098R
UniProt Entry Name	Q84419_PBCV1
NCBI Protein Information	Hyaluronan synthase
UniProt Comments for HAS	Protein family/group databasesCarbohydrate-Active enZymes More..CAZyiGT2. Glycosyltransferase Family 2.
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/has-recombinant-protein/hyaluronan-synthase/283691