Regenerating Islet Derived Protein 1 Beta (REG1beta) ELISA Kit for Goose

PRODUCT OVERVIEW

Product Name	Regenerating Islet Derived Protein 1 Beta (REG1beta), ELISA Kit
Full Product Name	Goose Regenerating Islet Derived Protein 1 Beta ELISA Kit
Product Gene Name	REG1beta elisa kit
Species Reactivity	Goose
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	18,230 Da
OMIM	609846
3D Structure	ModBase 3D Structure for Q9BYZ8
Related Product Information for REG1beta elisa kit	MBS093041 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Regenerating Islet Derived Protein 1 Beta (REG1beta) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing REG1beta. The ELISA analytical biochemical technique of the MBS093041 kit is based on REG1beta antibody-REG1beta antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect REG1beta antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, REG1beta. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of REG1beta elisa kit 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for REG1beta. It may not necessarily be applicable to this product.

NCBI GI #	226823233
NCBI GeneID	83998
NCBI Accession #	NP_001152824.1
UniProt Primary Accession #	Q9BYZ8
UniProt Secondary Accession #	Q8NER6; Q8NER7
UniProt Related Accession #	Q9BYZ8
GenBank Nucleotide #	NM_001159352.1
NCBI Official Full Name	regenerating islet-derived protein 4 isoform 1
NCBI Official Synonym Full Names	regenerating islet-derived family, member 4
NCBI Official Symbol	REG4
NCBI Official Synonym Symbols	GISP; RELP; REG-IV
UniProt Protein Name	Regenerating islet-derived protein 4
UniProt Synonym Protein Names	Gastrointestinal secretory protein; REG-like protein; Regenerating islet-derived protein IV

Protein Family	Lithostathine
UniProt Gene Name	REG4
UniProt Synonym Gene Names	GISP; RELP; REG-4; Reg IV
UniProt Entry Name	REG4_HUMAN
NCBI Protein Information	regenerating islet-derived protein 4; REG-4; reg IV; REG-like protein; regenerating gene type IV; gastrointestinal secretory protein; regenerating islet-derived protein IV
UniProt Comments for REG1beta	REG4: Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 1p13.1-p12 Cellular Component: cytoplasm; extracellular region Molecular Function: heparin binding; calcium ion binding
Research Articles on REG1beta	**1.** the combination of VEGF-C and Reg IV may be a promising factor for clinical staging to supplement the classical TNM classification system.
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.
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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.

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