Secernin-1 (SCRN1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Secernin-1 (SCRN1), Recombinant Protein
Full Product Name	Recombinant Human Secernin-1 (SCRN1)
Product Gene Name	SCRN1 recombinant protein
Product Synonym Gene Name	SCRN1
Sequence	MAAAPPSYCF VAFPPRAKDG LVVFGKNSAR PRDEVQEVVY FSAADHEPES KVECTYISID QVPRTYAIMI SRPAWLWGAE MGANEHGVCI ANEAINTREP AAEIEALLGM DLVRLGLERG ETAKEALDVI VSLLEEHGQG GNYFEDANSC HSFQSAYLIV DRDEAWVLET IGKYWAAEKV TEGVRCICSQ LSLTTKMDAE HPELRSYAQS QGWWTGEGEF NFSEVFSPVE DHLDCGAGKD SLEKQEESIT VQTMMNTLRD KASGVCIDSE FFLTTASGVS VLPQNRSSPC IHYFTGTPDP SRSIFKPFIF VDDVKLVPKT QSPCFGDDDP AKKEPRFQEK PDRRHELYKA HEWARAIIES DQEQGRKLRS TMLELEKQGL EAMEEILTSS EPLDPAEVGD LFYDCVDTEI KFFK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	38,864 Da
Sequence Positions	1-414, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	614965
3D Structure	ModBase 3D Structure for Q12765
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SCRN1 recombinant protein	This gene likely encodes a member of the secernin family of proteins. A similar protein in rat functions in regulation of exocytosis in mast cells. Alternatively spliced transcript variants have been described.
Other Notes	Small volumes of SCRN1 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 SCRN1 purchase	MBS1332125 is a recombinant protein targeting SCRN1. Also known as Recombinant Human Secernin-1 (SCRN1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCRN1. It may not necessarily be applicable to this product.

NCBI GI #	224465194
NCBI GeneID	9805

NCBI Accession #	NP_001138985.1
UniProt Primary Accession #	Q12765
UniProt Secondary Accession #	Q25QX7; Q8IWD1; A8K0E9; B4DHM0; B4DIP5; C9JPG0
UniProt Related Accession #	Q12765
GenBank Nucleotide #	NM_001145513.1
NCBI Official Full Name	secernin-1 isoform a
NCBI Official Synonym Full Names	secernin 1
NCBI Official Symbol	SCRN1
NCBI Official Synonym Symbols	SES1
UniProt Protein Name	Secernin-1
Protein Family	Secernin
UniProt Gene Name	SCRN1
UniProt Synonym Gene Names	KIAA0193
NCBI Protein Information	secernin-1
UniProt Comments for SCRN1	Regulates exocytosis in mast cells. Increases both the extent of secretion and the sensitivity of mast cells to stimulation with calcium ().
Research Articles on SCRN1	**1.** Upregulation of SCRN1 is associated with acquired resistance to erlotinib in non-small cell lung cancer.
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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