Putative Synaptotagmin-14-Like Protein (SYT14L) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative synaptotagmin-14-like protein (SYT14L), Recombinant Protein
Full Product Name	Recombinant Human Putative synaptotagmin-14-like protein (SYT14L)
Product Gene Name	SYT14L recombinant protein
Product Synonym Gene Name	SYT14L
Sequence	MLEGFQILVQ NTVQGTIHKI KCVCDSQMSV SEMSCSESTS ACQSLEDGSV PEILISLLYN ATNGRLSAEV IKGSHLKNWA ANRPPNTYVK LTLRKSTDQE MSKCKISIRR GRPNPVYKET FVFKVTLFQL SHVTLMLSVY NKSSMRRKMI GWIYLGLNSS GEELNHWTEM KESKGRQVRR WQALLESR
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	21,436 Da
Sequence Positions	1-188, 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	610892
3D Structure	ModBase 3D Structure for Q58G82
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SYT14L recombinant protein	MBS1379962 is a recombinant protein targeting SYT14L. Also known as Recombinant Human Putative synaptotagmin-14-like protein (SYT14L). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SYT14L 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SYT14L. It may not necessarily be applicable to this product.

NCBI GI #	166979750
NCBI Accession #	Q58G82.2
UniProt Primary Accession #	Q58G82
UniProt Secondary Accession #	Q9BQR7; A2RTZ8
NCBI Official Full Name	Putative synaptotagmin-14-like protein

UniProt Protein Name	Putative synaptotagmin-14-like protein
UniProt Synonym Protein Names	Synaptotagmin XIV protein pseudogene 1
UniProt Gene Name	SYT14P1
UniProt Comments for SYT14L	Plays a role in melanocyte differentiation; enhances dendrite outgrowth, melanin content and tyrosinase activity through the modulation of ERK and/or CREB pathways (PubMed:23999003).
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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