SEC22C Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SEC22C, Lysate
Full Product Name	Human SEC22C Protein Lysate
Product Gene Name	SEC22C lysate
Product Synonym Names	SEC22C; SEC22L3; SEC22L3
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	34kDa
OMIM	604028
3D Structure	ModBase 3D Structure for Q9BRL7
Related Product Information for SEC22C lysate	Human SEC22C Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of SEC22C lysate 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 SEC22C purchase	MBS8419181 is a lysate targeting SEC22C. Also known as Human SEC22C Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEC22C. It may not necessarily be applicable to this product.

NCBI GI #	14591921
NCBI GeneID	9117
NCBI Accession #	NP_116752
UniProt Primary Accession #	Q9BRL7
UniProt Related Accession #	Q9BRL7
GenBank Nucleotide #	NM_032970
NCBI Official Full Name	vesicle-trafficking protein SEC22c isoform a
NCBI Official Synonym Full Names	SEC22 homolog C, vesicle trafficking protein
NCBI Official Symbol	SEC22C
NCBI Official Synonym Symbols	SEC22L3
UniProt Protein Name	Vesicle-trafficking protein SEC22c
UniProt Synonym Protein Names	SEC22 vesicle-trafficking protein homolog C; SEC22 vesicle-trafficking protein-like 3

Protein Family	Vesicle-trafficking protein
UniProt Gene Name	SEC22C
UniProt Synonym Gene Names	SEC22L3
UniProt Entry Name	SC22C_HUMAN
NCBI Protein Information	vesicle-trafficking protein SEC22c
NCBI Summary for SEC22C	This gene encodes a member of the SEC22 family of vesicle trafficking proteins. The encoded protein is localized to the endoplasmic reticulum and may play a role in the early stages of ER-Golgi protein trafficking. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
UniProt Comments for SEC22C	SEC22C: May be involved in vesicle transport between the ER and the Golgi complex. Belongs to the synaptobrevin family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 3p22.1 Cellular Component: SNARE complex; endoplasmic reticulum membrane; endoplasmic reticulum; integral to membrane Molecular Function: SNAP receptor activity; SNARE binding Biological Process: ER to Golgi vesicle-mediated transport; protein transport; exocytosis; vesicle fusion with Golgi apparatus
Research Articles on SEC22C	**1.** These results indicate that the splicing-dependent changes in the number of TMDs allow Sec22c to regulate the subcellular localization in cooperation with ARF4, implying that Sec22c will function at the Golgi as well as the ER.
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