Recombinant Human SEC22 Vesicle Trafficking Protein Homolog B (S. cerevisiae) (gene/pseudogene), His-tagged

Cat. No. SEC22B-7138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SEC22B protein, fused to His-tag at N-terminus, was expressed in E. coli. MW: 23.3 kDa.
Species	Human
Source	E.coli
ProteinLength	14-194aa
Description	Vesicle-trafficking protein SEC22b precursor, also known as SEC22B, belongs to the synaptobrevin family. It seems to complex with SNARE and it is thought to play a role in the ER-Golgi protein trafficking. This protein has strong similarity to Mus musculus and Cricetulus griseus proteins.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol, 0.15M NaCl
Molecular Mass	23.3 kDa (205aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPKKLAFAYLE DLHSEFDEQH GKKVPTVSRP YSFIEFDTFI QKTKKLYIDS RARRNLGSIN TELQDVQRIM VANIEEVLQR GEALSALDSK LPLAAS MQEDEQSGRD LQQYQSQAKQ LFRKLNEQSP TRCTLEAGAM TFHYIIEQGV CYLVLCEAAFANNLSSLSKK YRQDAKYLNM RSTYA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SEC22B SEC22 vesicle trafficking protein homolog B (S. cerevisiae) (gene/pseudogene) [Homo sapiens]
Official Symbol	SEC22B
Synonyms	SEC22B; SEC22 vesicle trafficking protein homolog B (S. cerevisiae) (gene/pseudogene); SEC22 vesicle trafficking protein homolog B (S. cerevisiae) , SEC22 vesicle trafficking protein like 1 (S. cerevisiae) , SEC22, vesicle trafficking protein (S. cerevisiae) like 1 , SEC22L1; vesicle-trafficking protein SEC22b; ERS 24; sec22b; ER-Golgi SNARE of 24 kDa; SEC22 vesicle trafficking protein-like 1; SEC22 vesicle-trafficking protein homolog B; ERS-24; SEC22L1;
Gene ID	9554
mRNA Refseq	NM_004892
Protein Refseq	NP_004883
MIM	604029

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	O75396
Chromosome Location	1q21.1
Pathway	Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;
Function	protein binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA