Recombinant Human SEC62 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEC62-997H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEC62 MS Standard C13 and N15-labeled recombinant protein (NP_003253) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. The protein encoded by this gene and SEC63 protein are found to be associated with ribosome-free SEC61 complex. It is speculated that Sec61-Sec62-Sec63 may perform post-translational protein translocation into the ER. The Sec61-Sec62-Sec63 complex might also perform the backward transport of ER proteins that are subject to the ubiquitin-proteasome-dependent degradation pathway. The encoded protein is an integral membrane protein located in the rough ER.
Molecular Mass	45.7 kDa
AA Sequence	MAERRRHKKRIQEVGEPSKEEKAVAKYLRFNCPTKSTNMMGHRVDYFIASKAVDCL LDSKWAKAKKGEEALFTTRESVVDYCNRLLKKQFFHRALKVMKMKYDKDIKKEKDK GKAESGKEEDKKSKKENIKDEKTKKEKEKKKDGEKEESKKEETPGTPKKKETKKKFK LEPHDDQVFLDGNEVYVWIYDPVHFKTFVMGLILVIAVIAATLFPLWPAEMRVGVYYL SVGAGCFVASILLLAVARCILFLIIWLITGGRHHFWFLPNLTADVGFIDSFRPLYTHEYK

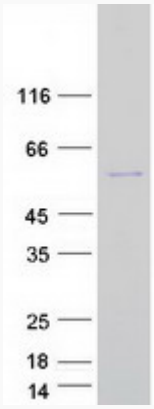
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	GPKADLKKDEKSETKKQQKSDSEEKSDSEKKEDEEGKVGPGNHGTEGSGGERHS DTDSDRREDDRSQHSSGNGNDFEMITKEELEQQTDGDCEEDEEEENDGETPKSSH EKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SEC62 SEC62 homolog, preprotein translocation factor [Homo sapiens (human)]
Official Symbol	SEC62
Synonyms	SEC62; SEC62 homolog, preprotein translocation factor; HTP1; TP-1; Dtrp1; TLOC1; translocation protein SEC62; SEC62 preprotein translocation factor; hTP-1; membrane protein SEC62, S.cerevisiae, homolog of; translocation protein 1
Gene ID	7095
mRNA Refseq	NM_003262
Protein Refseq	NP_003253

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MIM	602173
UniProt ID	Q99442
SDS-PAGE	

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