

## Product datasheet for **TP308436L**

### SEC63 (NM\_007214) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SEC63 homolog ( <i>S. cerevisiae</i> ) (SEC63), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208436 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAGQQFQYDDSGNTFFYFLTSFVGLIVIPATYYLWPRDQNAEQIRLKNIRKVYGRCMWYRLRLLPQPNIIPTVKKIVLLAGWALFLFLAYKVSKTREYQYENPYEVLNLDPGATVAEIKKQYRLLSLKYHPDKGGDEV  
MFMRIAKAYAALTDESRKNWEEFGNPDGPQATSFGIALPAWIVDQKNSILVLLVYGLAFMVILPVVVG  
WWYRSIRYSGDQILIRTTQIYTYFYKTRNMDMKRLIMVLGASEFDPQYNKDATSRTDNILIPQLIRE  
IGSINLKKNEPPLTCPYSLKARVLLLSHLARMKIPETLEEDQQFMLKKCPALLQEMVNVICQLIVMARNR  
EEREFRAPTLASLENCMKLSQMAVQGLQQFKSPLLQLPHIEEDNLRRVSNHKKYKIKTIQDLVSLKESDR  
HTLLHFLEDEKYEVMVLGSPYVTMDIKSQVLDDSDSNITVGSVTLVVKLTRQTMAEVFEKEQSIC  
AAEEQPAEDGQGETNKNRTKGGWQQSKSGPKKTAKSKKKKPLKKKPTPVLLPQSKQQKQKQANGVVG  
NEA  
AVKEDEEEVSDKGSDEEEETNRDSQSEKDDGSDRDSREQDEKQNKDDEAEWQELQQSIQRKERALLET  
KSKITHPVYSLYFPEEKQEWLWLYIADRKEQTLISMPYHVCTLKDTEEVELKFPAPGKPGNYQYTVFLRS  
DSYMGDLQIKPLKLEVHEAKVPENHPQWDTAIEGDEDQEDSEGFEDSFEEEEEEEEEDDD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

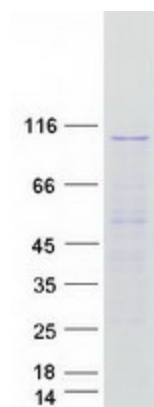
Tag:	C-Myc/DDK
Predicted MW:	87.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_009145</a>
<b>Locus ID:</b>	11231
<b>UniProt ID:</b>	<a href="#">Q9UGP8</a>
<b>RefSeq Size:</b>	6500
<b>Cytogenetics:</b>	6q21
<b>RefSeq ORF:</b>	2280
<b>Synonyms:</b>	DNAJC23; ERdj2; PCLD2; PRO2507; SEC63L
<b>Summary:</b>	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 SEC62 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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified SEC63 protein (Cat# [TP308436]). The protein was produced from HEK293T cells transfected with SEC63 cDNA clone (Cat# [RC208436]) using MegaTran 2.0 (Cat# [TT210002]).