

Recombinant Human SEC63 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEC63-3941H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEC63 MS Standard C13 and N15-labeled recombinant protein (NP_009145) 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 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.
Molecular Mass	88 kDa
AA Sequence	MAGQQFQYDDSGNTFFYFLTSFVGLIVIPATYYLWPRDQNAEQIRLKNIRKVYGRGM WYRLRLLKPQPNIPTVKKIVLLAGWALFLFLAYKVSKTREYQYENPYEVLNLDPGA TVAEIKKQYRLLSLKYHPDKGGDEVFMFMRIAKAYAALTDEESRKNWEEFGNPDGPQ ATSFGIALPAWIVDQKNSILVLLVYGLAFMVILPVVVGSSWWYRSIRYSGDQILIRTTQIY TYFVYKTRNMDMKRLIMVLGASEFDPQYNKDTSRPTDNILIPQLIREIGSINLKKNE

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PPLTCPYSLKARVLLLSHLARMKIPETLEEDQQFMLKKCPALLQEMVNVICQLIVMAR
 NREEREFRAPTLASLENCMKLSQMAVQGLQQFKSPLLQLPHIEEDNLRRVSNHKKY
 KIKTIQDLVSLKESDRHTLLHFLEDEKYEEVMAVLGSFPYVTMDIKSQVLDDSDSNNIT
 VGSLVTVLVKLTRQTMAEVFEKEQSICAAEEQPAEDGQGETNKNRTKGGWQQKSK
 GPKKTAKSKKKKPLKKKPTPVLLPQSKQQKQKQANGVVGNEAAVKEDEEEVSDKG
 SDSEEEETNRDSQSEKDDGSDRDSREQDEKQNKDDEAEWQELQQSIQRKERALL
 ETKSKITHPVYSLYFPEEKQEWWWLYIADRKEQTLISMPYHVCTLKDTEEEVELKFPA
 PGKPGNYQYTVFLRSDSYMGLDQIKPLKLEVHEAKVPENHPQWDTAIEGDEDQED
 SEGFEDSFEEEEEEEEEDDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SEC63 SEC63 homolog, protein translocation regulator [Homo sapiens (human)]

Official Symbol SEC63

Synonyms SEC63; SEC63 homolog (S. cerevisiae); SEC63 like (S. cerevisiae); translocation protein SEC63 homolog; DNAJC23; ERdj2; PRO2507; SEC63L;

Gene ID 11231

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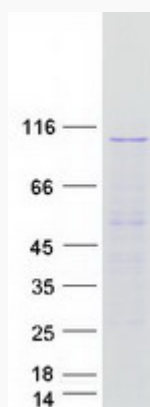
mRNA Refseq [NM_007214](#)

Protein Refseq [NP_009145](#)

MIM [608648](#)

UniProt ID [Q9UGP8](#)

SDS-PAGE



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