

Recombinant Mouse Sec62 Protein, Myc/DDK-tagged

Cat. No. Sec62-5752M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SEC62 homolog (<i>S. cerevisiae</i>) (Sec62), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mediates post-translational transport of precursor polypeptides across endoplasmic reticulum (ER). Proposed to act as a targeting receptor for small presecretory proteins containing short and apolar signal peptides. Targets and properly positions newly synthesized presecretory proteins into the SEC61 channel-forming translocon complex, triggering channel opening for polypeptide translocation to the ER lumen.
Molecular Mass	45.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Sec62 SEC62 homolog (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Sec62
Synonyms	Sec62; SEC62 homolog (S. cerevisiae); Dtr; HTP; Tlo; HTP1; SEC6; Dtrp1; Tloc1; AI844545; AW545092; 3100002M17Rik; translocation protein SEC62; TP-1; translocation protein 1
Gene ID	69276
mRNA Refseq	NM_027016
Protein Refseq	NP_081292
UniProt ID	Q8BU14

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