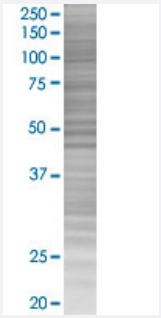
SEC61B 293T Cell Transient Overexpression Lysate(Denatured)

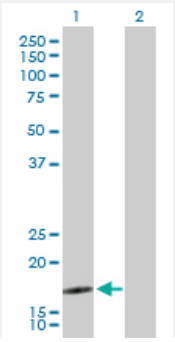
Catalog # H00010952-T02 Size 100 uL

Applications



SDS-PAGE Gel

SEC61B transfected lysate.



Western Blot

Lane 1: SEC61B transfected lysate (10.00 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SEC61B full-length
Host	Human
Theoretical MW (kDa)	10
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SEC61B antibody (H00010952-D01P) by Western Blots. SDS-PAGE Gel SEC61B transfected lysate. Western Blot Lane 1: SEC61B transfected lysate (10.00 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SEC61B

Entrez GeneID	10952
GeneBank Accession#	NM_006808.2
Protein Accession#	NP_006799.1
Gene Name	SEC61B
Gene Alias	-
Gene Description	Sec61 beta subunit
Omim ID	609214
Gene Ontology	Hyperlink
Gene Summary	The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. Oligomers of the Sec61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane. This complex consists of three membrane proteins- alpha, beta, and gamma. This gene encodes the beta-subunit protein. The Sec61 subunits are also observed in the post-ER compartment, suggesting that these proteins can escape the ER and recycle back. There is evidence for multiple polyadenylated sites for this transcript. [provided by RefSeq
Other Designations	OTTHUMP00000021784|Sec61 complex, beta subunit|protein translocation complex beta|protein transport protein SEC61 beta subunit

Pathway

- Vibrio cholerae infection