

## Recombinant Mouse Pex16 Protein, Myc/DDK-tagged

Cat. No. Pex16-4797M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length peroxisomal biogenesis factor 16 (Pex16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Required for peroxisome membrane biogenesis. May play a role in early stages of peroxisome assembly. Can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). May function as receptor for PEX3.
<b>Molecular Mass</b>	38.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Pex16 peroxisomal biogenesis factor 16 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Pex16
<b>Synonyms</b>	PEX16; peroxisomal biogenesis factor 16; peroxin-16; peroxisomal membrane protein PEX16
<b>Gene ID</b>	18633
<b>mRNA Refseq</b>	NM_145122
<b>Protein Refseq</b>	NP_660104
<b>UniProt ID</b>	Q91XC9

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