

Product datasheet for TP504168

Pex19 (NM_023041) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peroxisomal biogenesis factor 19 (Pex19), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204168 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAAAEEGCGVGVEDDRELEELLESALDDFDKAKPSPEHAPTISAPDASGPQKRAPGDTAKDALFASQEKF FQELFDSELASQATAEFEKAMKELAE EEPHLVEQFQKLSEAAGRVS DASSQQEFTSCLKETLSGLAKNA TELQNSGMSEELMKAMEGLGMDEGDGEASILPIMQSIMQNLLSKDVLPSLKEITEKYPEWLQSHQDST PPEQFEKYQQQH SVMVKICEQFEAETPTDSEATQRRARFEAML DLMQQLQALGHPPKELAGEMPPGLNFDL DALNLSGPPGANGEQCLIM</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	32.7 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_075528</u>
Locus ID:	19298
UniProt ID:	<u>Q8VCI5</u>



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RefSeq Size: 3131

Cytogenetics: 1 79.54 cM

RefSeq ORF: 900

Synonyms: Pxf

Summary: Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3. Excludes CDKN2A from the nucleus and prevents its interaction with MDM2, which results in active degradation of TP53.[UniProtKB/Swiss-Prot Function]