

Product datasheet for **TP509684**

Pex5 (NM_008995) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peroxisomal biogenesis factor 5 (Pex5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209684 protein sequence Red =Cloning site Green =Tags(s)
	MAMRELVEGECGGANPLMKLATHFTQDKALRQEGLRPGWPPGASAAETVSKPLGVGTEDELVSEFLQDQ NATLVSRAQTFKMDDLLAEMQEIEQSNFRQAPQRAPGVADLALSENWAQEFLLAAGDAVDVAQDYNEDW SQEFIAEVTDPLSVSPARWAEYEQSEEKWLWLDQEGSSTADRWDYDEYHPEEDLQHTASDFVSKVDDPK LANSEFLKFVRQIGEGQVSLESAAGSGGAQAEQWAAEFIQQGTSEAWVDQFTRPGNKIAALQVEFERAK SAIESDVFWDKLQAELEEMAKRDAAHPWLSYDDLTSASYDKGYQFEEENPLRDHPQPFEGLHRLEE GDLPNAVLLFEAAVQQDPKHMEAWQYLGTQAEQELLALRRCLLKPNDRTALMALAVSFTNESL QRQACETLRDWLRYSPAYAHLVAPGEEGATGAGPSKRILGSLLSDSLFLVSKDLFLAAVRLDPTSIDPDV QCGLGVLFNLSGEYDKAVDCFTAALSVRPNLYLMWNKLGATLANGNQSEEVAAYRRALQLPGYIRSR NLGISCINLGAHREAVEHFLEALNMQRKSRGPRGEGGAMSENIWSTLRLLSMLGQSDAYGAADARDLSA LLAMFGLPQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	70.8 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.



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RefSeq:	<u>NP_033021</u>
Locus ID:	19305
UniProt ID:	<u>O09012</u>
RefSeq Size:	3148
Cytogenetics:	6 59.15 cM
RefSeq ORF:	1920
Synonyms:	AW212715; ESTM1; PTS1R; Pxr1; X83306
Summary:	Binds to the C-terminal PTS1-type tripeptide peroxisomal targeting signal (SKL-type) and plays an essential role in peroxisomal protein import.[UniProtKB/Swiss-Prot Function]