

Product datasheet for **TP308361M**

PEX6 (NM_000287) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisomal biogenesis factor 6 (PEX6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208361 protein sequence Red =Cloning site Green =Tags(s)

MALAVLRVLEPFPTETPPLAVLLPPGGPWPAELGLVLALRPAGESPAGPALLVAALEGPDAGTEEQGPG
PPQLLVSALLRLLALGSGAWVRARAVRRPPALGWALLGTSLGPGLGPRVGPLLVRRGETLPVPGPRVLE
TRPALQGLLPGGTRLAVTELGRARLCPESGDSSRPPPPVSSFAVSGTVRRLLQGVGGTGDSLGVSR
CLRGLGLFQGEWWVAQARESSNTSQPHLARVQVLEPRWDLSDRLGPGSGPLGEPLADGLALVPATLAFN
LGCDPLEMGELRIQRYLEGSIAPEDKGSCSLLPGPPFAREHIEIVSSPHYSTNGNYDGVLYRHFQIPRV
VQEGDVL CVPTIGQVEILEGSPEKLPWRWEMFFKVKKT VGEAPDGPASAYLADTTHTSLYMGSTLSPVP
WLPSEESTLWSSLSPGLEALVSELCAVLKPRLLQPGGALLTGTSSVLLRGGPGCGKTTVAAAACSHLGLH
LLKVPCCSLCAESSGAVETKLQAIFSRARRCRPAVLLTAVDLLGRDRDGLGEDARVMAVLRHLLLNEDP
LNSCPPLMVVATTSRAQDLPADVQTAFPHELEVPALSEGQRSLRALT AHLPLGQEVNLAQLARRCAGF
VVGDLYALLTHSSRAACTRIKNSGLAGGLTEEDEGELCAAGFPLAEDFGQALEQLQTAHSQAVGAPKIP
SVSWHDVGGGLQEVKKEILETIQLPLEHPELLSLGLRRSGLLLHGPPGTGKTLAKAVATECSLTFLSVKG
PELINMYVGQSEENVREVFARARAAAPCIFFDELDSLAPSRGRSGDSGGVMDRVSQLLAELDGLHSTQ
DVFVIGATNRPDLLDPALLRPGRFDKLVFVGANEDRASQLRVLSAITRKFLEPSVSLVNVLDCCPPQLT
GADLYSLCSDAMTAALKRRVHDLEEGLEPGSSALMLT MEDLLQAAARLQPSVSEQELLRKRIQRKFAAC

TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	103.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.

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: [NP_000278](#)

Locus ID: 5190

UniProt ID: [Q13608](#), [A0A024RD09](#)

RefSeq Size: 3514

Cytogenetics: 6p21.1

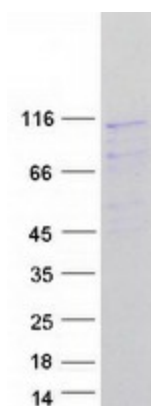
RefSeq ORF: 2940

Synonyms: HMLR2; PAF-2; PAF2; PBD4A; PDB4B; PXAAA1

Summary: This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) family of ATPases. This member is a predominantly cytoplasmic protein, which plays a direct role in peroxisomal protein import and is required for PTS1 (peroxisomal targeting signal 1, a C-terminal tripeptide of the sequence ser-lys-leu) receptor activity. Mutations in this gene cause peroxisome biogenesis disorders of complementation group 4 and complementation group 6. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PEX6 protein (Cat# [TP308361]). The protein was produced from HEK293T cells transfected with PEX6 cDNA clone (Cat# [RC208361]) using MegaTran 2.0 (Cat# [TT210002]).