

Product datasheet for TP308361

PEX6 (NM_000287) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human peroxisomal biogenesis factor 6 (PEX6), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208361 protein sequence Red =Cloning site Green =Tags(s) |

MALAVLRVLEPFPTETPPLAVLLPPGGPWPAELGLVLALRPAGESPAGPALLVAALEGPDAGTEEQGPG
PPQLLVSRALLRLLALGSGAWVRARAVRRPPALGWALLGTSLGPGLGPRVGPLLVRRGETLPVPGPRVLE
TRPALQGLLPGGTRLAVTELGRARLCPESGDSSRPPPPVSSFAVSGTVRRLLQGVGGTGDSLGVSR
CLRGLGLFQGEWWVAQARESSNTSQPHLARVQVLEPRWDLSDRLGPGSGPLGEPLADGLALVPATLAFN
LGCDPLEMGELRIQRYLEGSIAPEKDGSCSLLPGPPFARELHIEIVSSPHYSTNGNYDGVLYRHFQIPRV
VQEGDVL CVPTIGQVEILEGSPEKLPWRWEMFFKVKKT VGEAPDGPASAYLADTTHTSLYMGSTLSPVP
WLPSEESTLWSSLSPGLEALVSELCAVLKPRQLPGGALLTGTSSVLLRGGPGCGKTTVAAAACSHLGLH
LLKVPCCSLCAESSGAVETKLQAIFSRARRCRPAVLLTAVDLLGRDRDGLGEDARVMAVLRHLLLNEDP
LNSCPPLMVVATTSRAQDLPADVQTAFPHELEVPALSEGQRSLRALT AHLPLGQEVNLAQLARRCAGF
VVGDLYALLTHSSRAACTRIKNSGLAGGLTEEDEGELCAAGFPLAEDFGQALEQLQTAHSQAVGAPKIP
SVSWHDVGGGLQEVKKEILETIQLPLEHPELLSLGLRRSGLLLHGPPGTGKTLAKAVATECSLTFLSVKG
PELINMYVGQSEENVREVFARARAAAPCIFFDELDSLAPSRGRSGDSGGVMDRVSQLLAELDGLHSTQ
DVFVIGATNRPDLLDPALLRPGRFDKLVFVGANEDRASQLRVLSAITRKFLEPSVSLVNVLDCCPPQLT
GADLYSLCSDAMTAALKRRVHDLEEGLEPGSSALMLTMEDLLQAAARLQPSVSEQELLYRKRIQRKFAAC

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. |



[View online »](#)

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

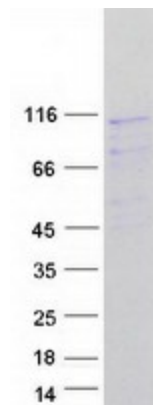
RefSeq ORF: 2940

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]).