

Product datasheet for PH308361

PEX6 (NM_000287) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PEX6 MS Standard C13 and N15-labeled recombinant protein (NP_000278)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208361
Predicted MW:	104.1 kDa
Protein Sequence:	>RC208361 protein sequence Red=Cloning site Green=Tags(s)

MALAVLRVLEPFPTETPPLAVLLPPGGPWPAAELGLVLALRPAGESPAGPALLVAALEGPDAGTEEQGPG
PPQLLVSRALLRLLALGSGAWVRARAVRRPPALGWALLGTSLGPGLGPRVGPLLVRRTETLPVPGPRVLE
TRPALQGLLPGGTRLAVTELGRARLCPESGDSSRPPPPVVSFFAVSGTVRRLLQVLLGGTGDLSVRS
CLRGLGLFQGEWVWAQARESSNTSQPHLARVQVLEPRWDLSDRLGPGSGPLGEPLADGLALVPATLAFN
LGCDPLEMGELRIQRYLEGSIAPEDKGSCLLPGPPFARELHIEIVSSPHYSTNGNYDGLYRHFQIPRV
VQEGDVL CVPTIGQVEILEGSPEKLPWRWEMFFKVKKTVEAPDGPASAYLADTTHTSLVMVGSTLSPVP
WLPSEESTLWSSLSPGLEALVSELCAVLKPRLQPGGALLTGTSSVLLRGGPGCKTTVAAACSHLGLH
LLKVPCCSLCAESSGAVETKLQAIIFSRARRCRPAVLLLTAVDLLGRDRDGLGEDARVMAVLRHLLLNEDP
LNSCPPLMVVATTSAQDL PADVQTAFFPHELEVPALSEGQRSLILRALTAHLPLGQEVNLAQLARRCAGF
VVGDLYALLTHSSRAACTRIKNSGLAGGLTEEDGECAAGFPLLAEDFGQALEQLQTAHSQAVGAPKIP
SVSWHDVGGQVEVKEILETIQLEHPELLSLGLRRSGLLLHGPPGTGKTLAKAVATECSLTFLSVKG
PELINMYVQSEENVREVFARARAAAPCIIFDELDSLAPSRGRSGDGGVMDRVVSQLLAELDGLHSTQ
DVFVIGATNRPDLLDPALLRPGRFDKLVFVGANEDRASQLRVLSAITRKFLEPSVSLVNVLDCCPPQLT
GADLYSLCSDAMTAALKRRVHDLEEGLEPGSSALMLTMEDLLQAAARLQPSVSEQELLRKRIQRKFAAC

TRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



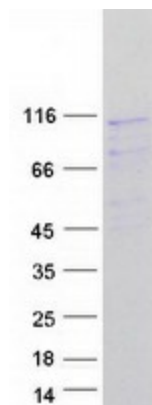
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RefSeq:	NP_000278
RefSeq Size:	3514
RefSeq ORF:	2940
Synonyms:	HMLR2; PAF-2; PAF2; PBD4A; PDB4B; PXAAA1
Locus ID:	5190
UniProt ID:	Q13608 , A0A024RD09
Cytogenetics:	6p21.1

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]).