

Product datasheet for TP301115M

PEX16 (NM_004813) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisomal biogenesis factor 16 (PEX16), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201115 protein sequence Red =Cloning site Green =Tags(s)
	MEKLRLLGLRYQEYVTRHPAATAQLETAVRGFSYLLAGRFADSHSELVYSASNLLVLLNDGILRKELR KKLPVLSLQKLLTWLSVLECVFEMEMGAAKVWGEVGRWLVIQLAKAVLRMLLLLWFKAGLQTSPP IVPLDRETQAQPPDGDHSPGNHEQSYVGKRSNRVVRTLQNTPSLHSRHWGAPQQREGRQQQHHEELSATP TPLGLQETIAEFLYIARPLLHLLSLGLWQRSWKPWLLAGVVDVTSLSLLSDRKGLTRRRERLRRRTIL LLYYLLRSPFYDRFSEARILFLLQLLADHVPVGLVTRPLMDYLPWQKIYFYSWG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	38.5 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.
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_004804
Locus ID:	9409



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UniProt ID: [Q9Y5Y5](#)

RefSeq Size: 1929

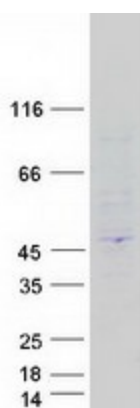
Cytogenetics: 11p11.2

RefSeq ORF: 1008

Synonyms: PBD8A; PBD8B

Summary: The protein encoded by this gene is an integral peroxisomal membrane protein. An inactivating nonsense mutation localized to this gene was observed in a patient with Zellweger syndrome of the complementation group CGD/CG9. Expression of this gene product morphologically and biochemically restores the formation of new peroxisomes, suggesting a role in peroxisome organization and biogenesis. Alternative splicing has been observed for this gene and two variants have been described. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified PEX16 protein (Cat# [TP301115]). The protein was produced from HEK293T cells transfected with PEX16 cDNA clone (Cat# [RC201115]) using MegaTran 2.0 (Cat# [TT210002]).