

## Product datasheet for TP301115

### PEX16 (NM\_004813) Human Recombinant Protein

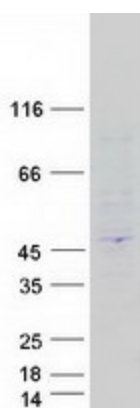
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisomal biogenesis factor 16 (PEX16), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201115 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MEKLRLGLRYQEYVTRHPAATAQLETAVRGFSYLLAGRFADSHSELVYSASNLLVLLNDGILRKELR KKLPSVLSQQKLLTWLSVLECVFVFMEMGAAKVWGEVGRWLIALIQLAKAVLRMLLLWFKAGLQTSP IVPLDRETQAQPPDGDHSPGNHEQSYVGKRSNRVVRTLQNTPSLHSRHWGAPQQREGRRQQHHELSATP TPLGLQETIAEFLYIARPLLHLLSLGLWQGRSWKPWLLAGVVDVTSLLSDRKGLTRRRERELRRRTIL LLYLLRSPFYDRFSEARILFLLQLLADHVPGLVTRPLMDYLPWQKIYFYSWG  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
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:	<u><a href="#">NP_004804</a></u>
Locus ID:	9409


[View online »](#)

UniProt ID:	<u>Q9Y5Y5</u>
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]).