

## Product datasheet for **TP302903L**

### PEX14 (NM\_004565) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisomal biogenesis factor 14 (PEX14), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202903 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MASSEQAEPSPSPSTPGSENVLPREPLIATAVKFLQNSRVRQSPLATRRRAFLKKKGLTDEEIDMAFQQS GTAADPSSLGPATQVVPVQPPHLISQPYPSPAGSRWRDYGALAIIMAGIAFGFHQLYKKYLLPLILGGRE DRKQLERMEAGLSELSGVAQTVTQLQTTLASVQELLIQQQKIQELAHELAAKATTSTNWILESQNIN ELKSEINSLKGLLLNRRQFPSPSPAPKIPSWQIPVKSPSPSPA AVNHSSSDISPVSNESTSSSPGKEG HSPEGSTVTYHLLGPQEEGEGVVDVKGQVRMEVQGEEEKREDKEDEEEDDDVSHVDEEDCLGVQREDR RGGDGGQINEQVEKLRPEGASNESERD
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	41.1 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:	<a href="#">NP_004556</a>
Locus ID:	5195



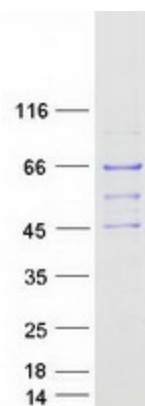
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UniProt ID: [O75381](#)  
RefSeq Size: 1945  
Cytogenetics: 1p36.22  
RefSeq ORF: 1131  
Synonyms: dj734G22.2; NAPP2; PBD13A; Pex14p

**Summary:** This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified PEX14 protein (Cat# [TP302903]). The protein was produced from HEK293T cells transfected with PEX14 cDNA clone (Cat# [RC202903]) using MegaTran 2.0 (Cat# [TT210002]).