

Product datasheet for **TP302903M**

PEX14 (NM_004565) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human peroxisomal biogenesis factor 14 (PEX14), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202903 protein sequence
Red=Cloning site **Green**=Tags(s)

MASSEQAEQPSQPSSTPGSENVLPREPLIATAVKFLQNSRVRQSPLATRRRAFLKKKGLTDEEIDMAFQQS
GTAADPSSLGPATQVVPVQPPHLISQPYPSPAGSRWRDYGALAIIMAGIAFGFHQLYKKYLLPLILGGRE
DRKQLERMEAGLSELSGVAQTVTQLQTTLASVQELLIQQQKIQELAHELAAKATTSTNWILESQNIN
ELKSEINSLKGLLLNRRQFPSPSPAPKIPSWQIPVKSPSPSPA AVNHSSSDISPVSNESTSSSPGKEG
HSPEGSTVTYHLLGPQEEGEGVVDVKGQVRMEVQGEEEKREDKEDEEEDDDVSHVDEEDCLGVQREDR
RGGDGGQINEQVEKLRPEGASNESERD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_004556](#)

Locus ID: 5195



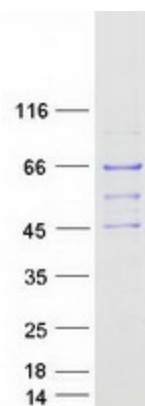
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UniProt ID: [O75381](#)
RefSeq Size: 1945
Cytogenetics: 1p36.22
RefSeq ORF: 1131
Synonyms: dj734G22.2; NAPP2; PBD13A; Pex14p

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]).