

Product datasheet for PH302903

PEX14 (NM_004565) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PEX14 MS Standard C13 and N15-labeled recombinant protein (NP_004556)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202903
Predicted MW:	41.2 kDa
Protein Sequence:	>RC202903 protein sequence Red=Cloning site Green=Tags(s) MASSEQAEQPSQPSSTPGSENVLPREPLIATAVKFLQNSRVRQSPLATRRRAFLKKKGLTDEEIDMAFQQS GTAADPESSLGPATQVVPVQPPHLISQPYSPAGSRWRDYGALAIIMAGIAFGFHQLYKKYLLPLILGGRE DRKQLERMEAGLSELSGSVAQTVTQLQTTLASVQELLIQQQKIQELAHELAAAKATTSTNWILESQNIN ELKSEINSLKGLLLNRRQFPPSPSAPKIPSWQIPVKSPSPSPAANHHSSSDISPVSNESTSSSPGKEG HSPEGSTVTYHLLGPQEEGEGVVDVKGQVRMEVQGEEKREDEEEDDDVSHVDEEDCLGVQREDR RGGDGGINEQVEKLRPEGASNESERD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
RefSeq:	<u>NP_004556</u>
RefSeq Size:	1945
RefSeq ORF:	1131
Synonyms:	dj734G22.2; NAPP2; PBD13A; Pex14p
Locus ID:	5195



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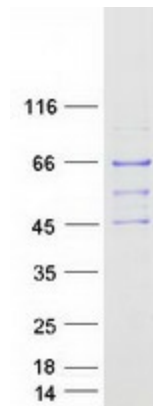
UniProt ID: [O75381](#)

Cytogenetics: 1p36.22

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]).