

Recombinant Human PEX14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PEX14-3614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PEX14 MS Standard C13 and N15-labeled recombinant protein (NP_004556) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.2 kDa
AA Sequence	MASSEQAEQPSQPSSTPGSENVLPREPLIATAVKFLQNSRVRQSPLATRRFLKKK GLTDEEIDMAFQQSGTAADPESSLGPATQVVPVQPPHLISQPYSPAGSRWRDYGAL AIIMAGIAFGFHQLYKKYLLPLILGGREDRKQLERMEAGLSELGSGVAQTVTQLQTTL ASVQELLIQQQKIQELAHELAAKATTSTNWILESQNINELKSEINSLKGLLLNRRQF PPSPSAPKIPSWQIPVKSPSPSSPAAVNHHSSSDISPVSNESTSSSPGKEGHSPEGS TVTYHLLGPQEEGEGVVDVKGVQVRMEVQGEEEKREDKEDEEDEEDDDVSHVDEE DCLGVQREDRRGGDGQINEQVEKLRRPEGASNESERDTRTRPLEQKLISEEDLAAN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PEX14 peroxisomal biogenesis factor 14 [Homo sapiens (human)]
Official Symbol	PEX14
Synonyms	PEX14; peroxisomal biogenesis factor 14; peroxisomal membrane protein PEX14; peroxin-14; PTS1 receptor docking protein; PTS1 receptor-docking protein; NF-E2 associated polypeptide 2; peroxisomal membrane anchor protein PEX14; peroxisomal membrane anchor protein Pex14p; NAPP2; Pex14p; dJ734G22.2; MGC12767;
Gene ID	5195
mRNA Refseq	NM_004565
Protein Refseq	NP_004556

 Tel: 1-631-559-9269 1-516-512-3133

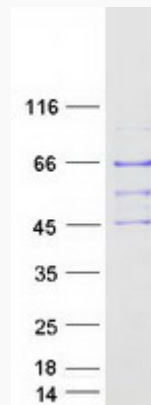
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 601791

UniProt ID O75381

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA