

## Product datasheet for **TP505846**

### Pex14 (BC028952) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse peroxisomal biogenesis factor 14 (cDNA clone MGC:35910 IMAGE:5368312), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR205846 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MASSEQAEQPNQPSSPPGSENVVPRELIATAVKFLQNSRVRQSPLATRRRAFLKKKGLTDEEIDLAFQQS  
GTAADEPSPLGPATPVVPVQPPHLTPQPYSRGRWRDYGALAIIMAGIAFGFHQLYKRYLLPLILGGRE  
DRKQLERMAASLSELSGTVAQTVTQVQTTLASVQELLRQQQKQVQELAHELATAKATTSTNWILESQNIN  
ELKSEINSLKGLLLNRRQFPPSPSAPKIPSWQIPVKSSPSSPAAVNHHSSDISPVSNESTSSSPGKDS  
HSPEGSTATYHLLGPQEEGEGVLDVKGQVRMEVQGEEEKREDEDEDDDDVSHVDEEDVLGVQREDRR  
GGDQGINEQVEKLRRPEGASNETERD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 41.2 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

**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 after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Locus ID:** 56273

**UniProt ID:** [Q9R0A0](#)



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RefSeq Size: 1953

Cytogenetics: 4 E2

RefSeq ORF: 1128

Synonyms: Pex14p; R75137

**Summary:** Peroxisome membrane protein that is an essential component of the peroxisomal import machinery. Functions as a docking factor for the predominantly cytoplasmic PTS1 receptor (PEX5). Plays a key role for peroxisome movement through a direct interaction with tubulin. [UniProtKB/Swiss-Prot Function]