

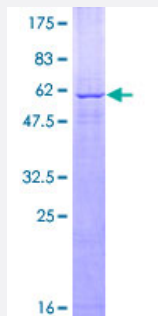
Full-Length

PEX10 (Human) Recombinant Protein (P01)

Catalog # H00005192-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PEX10 full-length ORF (AAH18198.1, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPAAASPPEVIRAAQKDEYYRGGLRSAAGGALHSLAGARKWLEWRKEVELLSDVAYFGLTTLA
GYQTLGEEYYSIIQVDPSRIHVPSSLRRGVLVTLHAVLPYLLDKALLPLEQELQADPDSSGRPLQGS
LGPGRGCSGARRWMRHHTATLTEQQRRALLRAVFVLRQGLACQLRHVAWFYIHGVFYHLAKRL
TGITYLRVRSPLGEDLRARVSYRLLGVISLLHLVLSMGLQLYGFRQRQARKEWRLHRGLSHRRAS
LEERAVSRNPLCTLCLEERRHPTATPCGHLFCWECITAWCSSKAECPLCREKFPPQKLMLRHYR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.6

Interspecies Antigen Sequence

Mouse (83); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PEX10

Entrez GeneID[5192](#)**GeneBank Accession#**[BC018198](#)**Protein Accession#**[AAH18198.1](#)**Gene Name**

PEX10

Gene Alias

MGC1998, NALD, RNF69

Gene Description

peroxisomal biogenesis factor 10

Omim ID[202370](#) [214100](#) [602859](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein involved in import of peroxisomal matrix proteins. This protein localizes to the peroxisomal membrane. Mutations in this gene result in phenotypes within the Zellweger spectrum of peroxisomal biogenesis disorders, ranging from neonatal adrenoleukodystrophy to Zellweger syndrome. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000001658|peroxin 10|peroxisome assembly protein 10|peroxisome biogenesis factor 10