

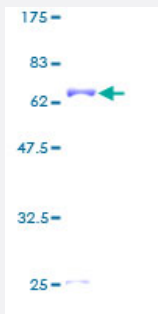
Full-Length

PEX16 (Human) Recombinant Protein (P01)

Catalog # H00009409-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PEX16 full-length ORF (AAH00467, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEKLRLGLRYQEYVTRHPAATAQLETAVRGFSYLLAGRFADSHSELVYSASNLLVLLNDGILR KELRKKLPVSLSQKLLTWLSVLECEVFMEMGAAKVWGEGLRWLVIALIQLAKAVLRILLLLWF KAGLQTSPPIAPLDRETQAQPPDGDHSPGNHEQSYVGKRSNRVVRTLQNTPSLHSRHWGAPQQ REGRQQQHHEELSATPTPLGLQETIAEFLYARPLLHLLSLGLWGQRSWKPWLLAGVVDVTSLSLL SDRKGLTRRERRELRRRTILLLYLLRSPFYDRFSEARILFLLQLLADHVPGVGLVTTSQRAASPCL PARPHTQPWSPPAFLPGHP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.80
Interspecies Antigen Sequence	Mouse (90); 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 — PEX16

Entrez GeneID[9409](#)**GeneBank Accession#**[BC000467](#)**Protein Accession#**[AAH00467](#)**Gene Name**

PEX16

Gene Alias

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Gene Description

peroxisomal biogenesis factor 16

Omim ID[603360](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an integral peroxisomal membrane protein. An inactivating nonsense mutation localized to this gene was observed in a patient with Zellweger syndrome of the complementation group CGD/CG9. Expression of this gene product morphologically and biochemically restores the formation of new peroxisomes, suggesting a role in peroxisome organization and biogenesis. Alternative splicing has been observed for this gene and two variants have been described. [provided by RefSeq]

Other Designations

peroxin 16|peroxisome biogenesis factor 16