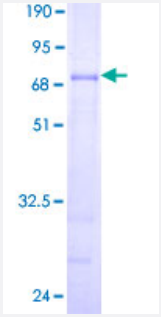
Full-Length

PEX12 (Human) Recombinant Protein (P01)

Catalog # H00005193-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PEX12 full-length ORF (AAH31085, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	MAEHGAHFTAASVADDQPSIFEVVAQDSLMTAVRPALQHVVKVLAESNPTHYGFLWRWFDEIFT LLDLLLQQHYLSRTSASFSENFYGLKRIVMGDTHKSQRLASAGLPKQQLWKSIMFLVLLPYLKVKL EKLVSSLREEDEYSIHPPSSRWKRFYRAFLAAYPFVNMAWEGWFLVQQLRYILGKAQHHSPLLRL AGVQLGRLTVQDIQALEHKPAKASMMQQPARSVSEKINSALKKAVGGVALSLSTGLSVGVFFLQ FLDWWYSSENQETIKSLTALPTPPPPVHLDYNSDSPLLPKMKTVCPLCRKTRVNDTVLATSGYVF CYRCVFHYVRSHQACPITGYPTEVQHLIKLYSPEN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.23
Interspecies Antigen Sequence	Mouse (89)
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 — PEX12

Entrez GeneID	5193
GeneBank Accession#	BC031085
Protein Accession#	AAH31085
Gene Name	PEX12
Gene Alias	PAF-3
Gene Description	peroxisomal biogenesis factor 12
Omim ID	601758
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the peroxin-12 family. Peroxins (PEXs) are proteins that are essential for th e assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defe cts in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group wit h at least 14 complementation groups and with more than 1 phenotype being observed in cases f alling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal m atrix proteins into the organelle. Defects in this gene are a cause of Zellweger syndrome (ZWS). [provided by RefSeq
Other Designations	peroxin 12|peroxisome assembly factor 3|peroxisome assembly protein 12