

Recombinant Human PEX19, His-tagged

Cat. No. PEX19-2962H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PEX19 (1-299 aa) is expressed in <i>E. Coli</i> with a His tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-299 a.a.
Description	This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxisins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function.
MW	32807 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole.
Application	MS. SDS.

GENE INFORMATION

 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

Gene Name	PEX19 peroxisomal biogenesis factor 19 [Homo sapiens]
Synonyms	PEX19; peroxisomal biogenesis factor 19; OK/SW-cl.22; D1S2223E; FLJ55296; HK33; PMP1; PMPI; PXF; PXMP1; 33 kDa housekeeping protein; housekeeping gene, 33kD; peroxin-19; peroxisomal farnesylated protein
Gene ID	5824
mRNA Refseq	NM_001193644
Protein Refseq	NP_001180573
MIM	600279
UniProt ID	P40855
Chromosome Location	1q23.2
Pathway	Peroxisome; Transmembrane transport of small molecules
Function	protein N-terminus binding; protein binding

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