

Recombinant Human PEX19, His-tagged

Cat. No. PEX19-3637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PEX19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-296aa).
Species	Human
Source	Human
Description	PEX19, also known as Peroxin 19, localizes to the outer surface of peroxisomes in liver cells. It is essential for peroxisome biogenesis in <i>Saccharomyces cerevisiae</i> . It is apparently involved in the initial stage of peroxisome membrane assembly, before the import of matrix protein.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
Molecular Weight	34.6 kDa(316aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
Purity	> 90% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAAAEEGCSV GAEADRELEE LLESALDDFD KAKPSPAPPS TTTAPDASGP QKRSPGDTAK DALFASQEKF FQELFDSELA SQATAEFEKA MKELAESEEPH LVEQFQKLSE AAGRVGSDMT SQQEFTSCLK ETLSGLAKNA TDLQNSSMSE EELTKAMEGL GMDEGDGEGN ILPIMQSIMQ

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NLLSKDVLYP SLKEITEKYP EWLQSHRESL PPEQFEKYQE QHSVMCKICE
QFEAETPTDS ETTQKARFEM VLDLMQQLQD LGHPPKELAG EMPPGLNFDL
DALNLSGPPG ASGEQC

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Pathways

Peroxisome; Transmembrane transport of small molecules

GENE INFORMATION

Gene Name

PEX19 peroxisomal biogenesis factor 19 [Homo sapiens]

Official Symbol

PEX19

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

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Function

protein N-terminus binding; protein binding

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