

## Recombinant Human PEX19, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PEX19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-296aa).
<b>Species</b>	Human
<b>Source</b>	Human
<b>Description</b>	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.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
<b>Molecular Weight</b>	34.6 kDa(316aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	1.0 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MAAAEEGCSV GAEADRELEE LLESALDDFD KAKPSPAPPS TTTAPDASGP QKRSPGDTAK DALFASQEKF FQELFDSELA SQATAEFEKA MKELAEEEPH LVEQFQKLSE AAGRVGSDMT SQQEFTSCLK ETLSGLAKNA TDLQNSSMSE EELTKAMEGL GMDEGDGEGN ILPIMQSIMQ

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Function**

protein N-terminus binding; protein binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA