

PEX19, 1-296aa, Human, His tag E.coli

Cat.NO.: TP03357

3th Edition

Synonyms: Peroxisomal biogenesis factor 19, D1S2223E, HK33, PMP1, PMPI, PXF, PXMP1.

Description: PEX19, also known as Peroxin 19, localizes to the outer surface of peroxisomes in liver cells. It is essential for peroxisome biogenesis in *Saccharomyces cerevisiae*. It is apparently involved in the initial stage of peroxisome membrane assembly, before the import of matrix protein. Recombinant human PEX19 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Molecular Weight: 34.6 kDa(316aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAAAEEGCSVGAEADRELEELLESALDDDFKAKPSPAPPSTTTAPDASGPQKRS
PGDTAKDALFASQEKFFQELFDSELASQATAEFEKAMKELAEPEPHLVEQFQKLSEAAGR VGS DMTSQQEFTSCL
KETLSGLAKNATDLQNSSMSEEELTKAMEGLGMDEGDGEGNLPIMQSIMQNLLSKDVL YPSLKEITEKYPEWLQS
HRESLPPEQFEKYQE QHSVMCKICEQFEAETPTDSETTQKARFEMVLDLMQQLQDLGHPPKELAGEMP PGLNFDL
DALNLSGPPGASGEQC

Purity: > 95% by HPLC

Concentration: 1.0 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.