Recombinant human PEX19 protein

Catalog Number: ATGP1201

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-296aa

UniProt No.
P40855

NCBI Accession No.
NP_002848.1

Alternative Names
Peroxisomal biogenesis factor 19, D1S2223E, HK33, PMP1, PMPI, PXF, PXMP1

PRODUCT SPECIFICATION

Molecular Weight
34.6 kDa (316aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH> MAAAEEGCSV GAEADRELEE LLESALDDFD KAKPSPAPPS TTTAPDASGP

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

Recombinant human PEX19 protein

Catalog Number: ATGP1201

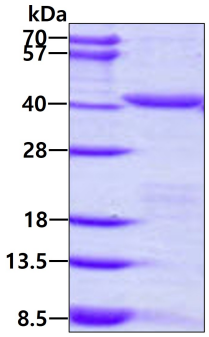
QKRSPGDTAK DALFASQEKF FQELFDSELA SQATAEFEKA MKELAEEEPH LVEQFQKLSE AAGRVGSDMT SQQEFTSCLK ETLSGLAKNA TDLQNSSMSE EELTKAMEGL GMDEGDGEGN ILPIMQSIMQ NLLSKDVLYP SLKEITEKYP EWLQSHRESL PPEQFEKYQE QHSVMCKICE QFEAETPTDS ETTQKARFEM VLDLMQQLQD LGHPPKELAG EMPPGLNFDL DALNLSGPPG ASGEQC

General References

James G.L. et al. (1994) J Biol Chem. 269: 14182-14190
Gotte K. et al. (1998) Mol. Cell Biol. 18: 616-628.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.