

PEX19 Human

Description: PEX19 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-296) and having a molecular mass of 34.6 kDa. The PEX19 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PRPS-932

For research use only.

Synonyms: Peroxisomal biogenesis factor 19, Peroxisomal farnesylated protein, HK33, 33kDa housekeeping protein, PXF, PMP1, PXMP1, Peroxin-19, D1S2223E, FLJ55296.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAAEEGCSV GAEADRELEE
LLESALDDFD KAKPSPAPPS TTTAPDASGP QKRSPGDTAK DALFASQEKF FQELFDSELA
SQATAEFKA MKELAESEPH LVEQFQKLSE AAGRVGSDMT SQEFTSCLK ETLSGLAKNA
TDLQNSSMSE EELTKAMEGL GMDEGDGEGN ILPIMQSIMQ NLLSKDVLYP SLKEITEKYP
EWLQSHRESL PP

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The PEX19 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

PEX19 is vital for peroxisome biogenesis in *Saccharomyces cerevisiae*. PEX19 is limited to the outer surface of peroxisomes in liver cells and is has a part in the early stage of peroxisome membrane assembly, prior to the import of matrix protein.

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