
Product Data Sheet

Product Name: PEX19 Human
 Cat. No.: GP24164
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Peroxisomal biogenesis factor 19; Peroxisomal farnesylated protein; HK33; 33kDa housekeeping protein; PXF; PMP1; PXMP1; Peroxin-19; D1S2223E; FLJ55296.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAAAEEGCSV GAEADRELEE LLESALDDFD KAKPSPAPPS TTTAPDASGP QKRSPGDTAK DALFASQEKF FQELFDSELA SQATAEFEKA MKELAE EEPH LVEQFQKLSE AAGRVGSDMT SQQEFTSCLK ETL SGLAKNA TDLQNSSMSE EELTKAMEGL GMDEGDGEGN ILPIMQSIMQ NLLSKDVLYP SLKEITEKYP EWLQSHRESL PPEQFEKYQE QHSV MCKICE QFEAETPTDS ETTQKARFEM VLDLMQQLQD LGHPPKELAG EMP PGLNFDL DALNLSGPPG ASGEQC		
Formulation	The PEX19 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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PEX19 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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