

Recombinant human UBL3 protein

Catalog Number: IBATGP1081



PRODUCT INFORMATION

Expression system

E.coli

Domain

1-114aa

UniProt No.

O95164

NCBI Accession No.

NP_009037

Alternative Names

ubiquitin-like protein 3, DKFZp434K151, FLJ32018, HCG-1, PNSC1

PRODUCT SPECIFICATION

Molecular Weight

15 kDa (134aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl.

Purity

> 95% 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

uBL3, also known as PNSC1, is a 117 amino acid membrane protein belonging to the ubiquitin-like family. This protein contains two potential N-glycosylation sites, a potential protein kinase C phosphorylation site and a potential C-terminal prenylation site. ubiquitin-like proteins are not directly involved in protein degradation, but appear to have many mechanistic similarities with the ubiquitin pathway. Recombinant human uBL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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

Manufactured for:

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MSSNVPADMI NLRLLVSGK TKEFLFSPND SASDIAKHVY DNWPMDWEEE
QVSSPNILRL IYQGRFLHGN VTLGALKLPF GKTTVMHLVA RETLPEPNSQ GQRNREKTGE SNCC

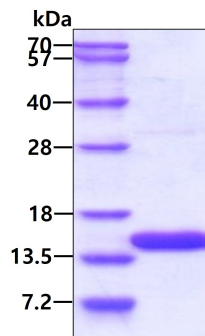
General References

Downes BP., et al. (2006) J Biol Chem. 281(37):27145-57.

Leung A., et al. (2008) Ernst Schering Found Symp Proc. (1):75-97.

DATA

SDS-PAGE



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

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