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# Recombinant human UBL3 protein

Catalog Number: ATGP1081

# **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

1-114aa

#### UniProt No.

095164

#### **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.



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# **Amino acid Sequence**

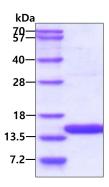
<MGSSHHHHHH SSGLVPRGSH> MSSNVPADMI NLRLILVSGK TKEFLFSPND SASDIAKHVY DNWPMDWEEE QVSSPNILRL IYQGRFLHGN VTLGALKLPF GKTTVMHLVA RETLPEPNSQ GQRNREKTGE SNCC

## **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

