

Recombinant Human Ubiquitin-like 3, His-tagged

Cat. No. UBL3-68H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanUBL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl.
Molecular Weight	15.0 kDa(134 aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by BCA)
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MSSNVPADMI NLRILVSGK TKEFLFSPND SASDIKHHVY DNWPMDWEEEQVSSPNILRL IYQGRFLHGN VTLGALKLPF GKTTVMHLVA RETLPEPNSQ GQRNREKTGE SNCC

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Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name UBL3 ubiquitin-like 3 [Homosapiens]

Official Symbol UBL3

Synonyms UBL3; ubiquitin-like 3; HCG-1; PNSC1;ubiquitin-like protein 3; MUB; hsMUB; protein HCG-1; membrane-anchoredubiquitin-fold protein; FLJ32018; DKFZP434K151; DKFZp434K151;OTTHUMP00000018193

Gene ID 5412

mRNA Refseq NM_007106

Protein Refseq NP_009037

MIM 604711

UniProt ID O95164

Chromosome Location 13q12-q13

PDB rendering based on 1wgh.



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