

UBL3 Human

Description:UBL3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 134 amino acids (1-114a.a) and having a molecular mass of 15.0kDa.UBL3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-237

For research use only.

Synonyms:Ubiquitin-like 3, FLJ32018, HCG-1, Membrane-anchored ubiquitin-fold protein, MUB, PNSC1, HsMUB, DKFZP434K151.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MSSNVPADMI NLRILVSGK
TKEFLFSPND SASDIAKHVV DNWPMDWEEE QVSSPNILRL IYQGRFLHGN VTLGALKLPF
GKTTVMHLVA RETLPEPNSQ GQRNREKTGE SNCC

Purity:Greater than 90.0% as determined by SDS-PAGE.

Formulation:

UBL3 protein solution (1mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2mM DTT.

Stability:

UBL3 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:

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Introduction:

UBL3 - a member of the ubiquitin-like family is found in the membrane. UBL3 holds two N-glycosylation sites, a C-terminal prenylation site and a protein kinase C phosphorylation site. Even though Ubiquitin-like proteins are not directly involved in protein degradation, it seems they have several mechanistic similarities to the ubiquitin pathway.

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