

**UBL3, 1-114aa, Human, His tag, E.coli**

**Cat.NO.: TP04401**

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3th Edition

**Synonyms:**Ubiquitin-like protein 3, DKFZp434K151, FLJ32018, HCG-1, PNSC1

**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.

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

**Molecular Weight:**15.0 kDa (134aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSSNVPADMINLRILVSGKTKFLFSPNDSASDIAKHVYDNWPMDWEEEQVSSP  
NILRLIYQGRFLHGNVTLGALKLPFGKTTVMHLVARETLPEPNSQGQRNREKTGESNCC

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by BCA)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.