

UBL5, 1-73aa, Human, His tag, E.coli

Cat.NO.: TP04403

3th Edition

Synonyms:Ubiquitin-like protein 5, 1110030M22Rik, beacon

Description:UBL5, also known ubiquitin-like protein 5, is thought to be reversible modulators of protein function rather than protein degraders like ubiquitin. This protein effects a nuclear step required for mounting a response to the threat of mitochondrial protein misfolding. Recombinant human UBL5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,2mM DTT

Molecular Weight:10.7 kDa (93aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMIEVVCNDRLGKKVRVKCNTDDTIGDLKKLIAAQTGTRWKNIVLKKWYTIFKDHVS
LGDYEIHDGMNLELYYQ

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.