

AR39022PU-N**Human UBL5 (1-73, His-tag) - Purified****Alternate names:**

Ubiquitin-like protein 5

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q9BZL1](#)**NCBI:**[NP_001041706](#)**GeneID:**[59286](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified peptide**Purity:** >90%**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 2mM DTT**Description:**

Recombinant human UBL5, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MIEVVCNDRL GKKVRVKCNT DDTIGDLKKL IAAQTGTRWN
KIVLKKWYTI FKDHVSLGDY EIHGGMNLEL YYQ

Molecular weight: 10.7 kDa (93aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Friedman JS. et al. (2001) Genomics 71:252-5.

McNally T. et al. (2003) Protein Sci. 12:1562-6.

Pictures:

Recombinant human UBL5, 1-73aa, His-tagged

