

Recombinant Human Ubiquitin-like 5, His-tagged

Cat. No. UBL5-69H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanUBL5 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	Human
Description	UBL5, also known as ubiquitin-like protein 5, is thought to be a reversible modulator of protein function rather than a protein degrader like ubiquitin. This protein effects a nuclear step required for mounting a response to the threat of mitochondrial protein misfolding.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 2 mM DTT.
Molecular Weight	10.7 kDa(93aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MIEVVCNDRL GKKVRVKCNT DDTIGDLKKL IAAQTGTRWNKIVLKKWYTI FKDHVSLGDY EIHDGMNLEL YYQ
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.

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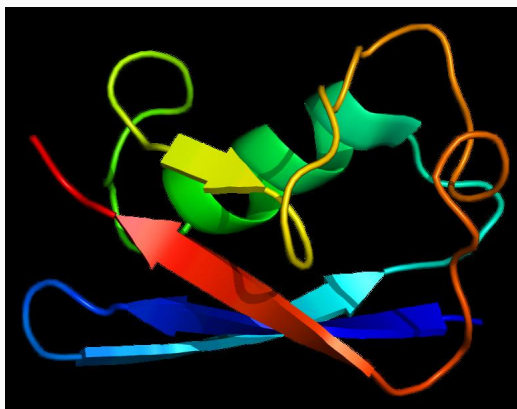
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	UBL5 ubiquitin-like 5 [Homosapiens]
Official Symbol	UBL5
Synonyms	UBL5; ubiquitin-like 5; HUB1;ubiquitin-like protein 5; beacon; FLJ46917; MGC131795
Gene ID	59286
mRNA Refseq	NM_024292
Protein Refseq	NP_077268
MIM	606849
UniProt ID	Q9BZL1
Chromosome Location	19p13.3
Function	molecular_function

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