

RPS27A

Recombinant Human Ubiquitin

Catalog No.	CRU110A CRU110B CRU110C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Ubiquitin, Ribosomal Protein S27a, CEP80, UBA80, UBCEP1, UBCEP80, HUBCEP80, RPS27A.		
Description:	Ubiquitin is a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is a small protein composed of 76 amino acid and is found either in free form or conjugated to proteins through a covalent bond between the glycine at the C-terminal end or one of the 7 lysine residues. Recombinant Human Ubiquitin is purified by ion-exchange chromatography.		
Physical Appearance:	Sterile Filtered solution.		
Gene ID:	6233		
Source:	<i>E. coli</i>		
Formulation:	1 mg/ml containing 50 mM HEPES + pH7.5 + 150 mM NaCl + 1mM DTT + 10% glycerol.		
Purity:	> 95% as estimated by analysis of Coomassie blue stained SDS-PAGE.		
Purification:	Purified by ion-exchange chromatography.		
Amino Acid Sequence:	MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG.		
Storage & Stability:	Store at -20°C if intended use is longer than 1 week. May be stored at 2-4°C for a period up to 1 week. Avoid repeated freeze-thaw cycles.		

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