9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RPS27A Human

Ubiquitin Human Recombinant
RCP1920

Product Overview

Name	RPS27A Human
Description	
Ubiquitin Human Recombinant	
Accession (Primary)	P62988
Synonyms	
Ubiquitin, Ribosomal Protein S27a, CEP80, UBA80, UBCEP1, UBCEP80, HUBCEP80, RPS27A.	
Introduction	
RPS27A is a small protein composed of 76 amino acids. RPS27A is found only in eukaryotic organisms among which shows strong sequence conservation. The RPS27A protein is present in all cell types, thus giving rise to its name. RPS27A is found either in free form or conjugated to proteins through a covalent bond between the glycine at the C-terminal end and the side chains of lysine. The connection of multiple copies of RPS27A targets the proteins for degradation by the 26S proteosome. RPS27A ligation is an ATP-dependent multi-step process. RPS27A is activated by the E1 enzyme. The attachment of RPS27A to the target protein is catalyzed by the E2 enzyme acting in concert with E3 which is involved in the recognition of the substrate protein.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered solution.	
Formulation	
1mg/ml containing 50mM HEPES (pH7.5) 150mM NaCl and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as estimated by SDS-PAGE.	
Amino acid sequence	
MQIFVKTLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG.	
Precautions	

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RPS27A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P62988)