www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

RPS27A Human

Description: Ubiquitin Human Recombinant expressed in E.coli and purified by ion-exchange chromatography, contains 76 amino acids and has an Mw of 8.6kDa.

Catalog #:PRPS-321

Synonyms: Ubiquitin, Ribosomal Protein S27a, CEP80, UBA80, UBCEP1, UBCEP80, HUBCEP80, RPS27A.

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered solution.

Amino Acid Sequence:MQIFVKTLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG.

Purity: Greater than 95% as estimated by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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 conjµgated to proteins throµgh 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.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE