

RPS27A Human, GST

Description: Ubiquitin Human Recombinant GST Tag full length protein is produced in E.Coli, having a molecular weight of 35kDa (determined by SDS gel electrophoresis).

Catalog #: PRPS-742

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

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered solution.

Formulation:

The Ubiquitin protein solution contains 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.

Stability:

Store at -20°C if intended use is longer than 1 week, store at 4°C for a period up to 1 week. Please avoid freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, 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 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 proteasome. 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.

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