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Recombinant human Ubiquitin (K11 only) protein

Catalog No.: RP10068 Recombinant

Sequence Information

Species **Gene ID** **Swiss Prot**
Human

Tags
6×His tag

Synonyms

Product Information

Source **Purification**
E. coli

Endotoxin

Formulation
Supplied in 20 mM Tris, 150 mM NaCl, 2 mM BME, 10% Glycerol.Contact us for customized product form or formulation.

Reconstitution

Background

Ubiquitin (Ub) is a 76 amino acid protein widely expressed in the cytoplasmic and nucleus of cells. Ub is posttranslationally conjugated to proteins by the E1, E2, E3 protein ubiquitination cascade. Ub can be conjugated on proteins as monoUb or polyUb chains. Protein ubiquitination plays both proteolytic and nonproteolytic functions. Usually, polyubiquitinated proteins are targeted to the 26S proteasome for proteolysis. Typical concentration to support in vitro ubiquitination is 50-100 μM. In Ub(K11 only), all lysine residues but lysine 11 were substituted with arginines, thereby it only supports the formation of lysine 11-linked polyubiquitin chains.

Basic Information

Description

Bio-Activity

Storage
This product is stable at ≤ -70°C for up to 6 months from the date of receipt.
For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.
Avoid repeated freeze/thaw cycles.

Contact

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