Ubiquitin Recombinant Protein | Ub recombinant protein

Recombinant Ubiquitin (Ub)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143972	**E.coli**	**Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Oryctolagus cuniculus (Rabbit), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Horse)**	**Western Blot, SDS-Page**

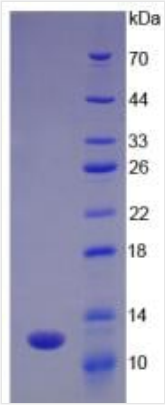
PRODUCT SYNONYMS

Ubiquitin; Recombinant Ubiquitin (Ub); Ub recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Oryctolagus cuniculus (Rabbit), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Horse)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Sequence	MQIFVKTLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG
Applicable Applications for Ub recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Gly76
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

Sequence

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MQIFVKTLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL
EDGRTLSDYN IQKESTLHLV LRLRGG
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340068
NCBI GeneID	7316
Molecular Weight	Predicted Molecular Mass: 9.8kDa Accurate Molecular Mass: 12kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	ubiquitin
NCBI Official Synonym Full Names	ubiquitin C
NCBI Official Symbol	UBC
NCBI Official Synonym Symbols	HMG20
NCBI Protein Information	polyubiquitin-C
UniProt Protein Name	Polyubiquitin-C
UniProt Gene Name	**UBC**
UniProt Entry Name	UBC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/ubc-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143972