

Ubiquitin Recombinant Protein | Ub recombinant protein

Recombinant Ubiquitin (Ub)

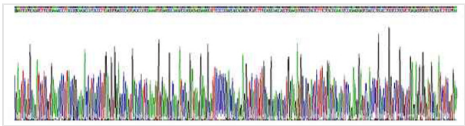
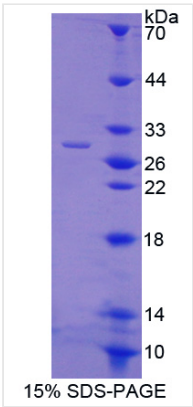
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20969	E.coli	Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Oryctolagus cuniculus (Rabbit), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Horse)	SDS-Page, Western Blot

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	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGGMQIF VKLTGKTIT LEVPSDTIE NVKAKIQDKE GIPPDQQLI FAGKQLEDGR TLDYNIQKE STLHLVRLR GGMQIFVKTL TGKTITLEVE PSDTIENVKA KIQDKEGIPP DQQLIFAGK QLEDGRTLSD YNIQKESTLH LVLRLGGC
Applicable Applications for Ub recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Met1~Cys229
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.6
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.3 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.



Gene Sequencing (Extract)

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	340068
NCBI GeneID	7316
Molecular Weight	Predicted Molecular Mass: 29.5kDa Accurate Molecular Mass: 29kDa 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.

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Online datasheet: <https://www.aaabiotech.com/ubc-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20969>