

ubc7 (ubiquitin Conjugating enzyme 7) Recombinant Protein | ubc7 recombinant protein

ubc7 (ubiquitin Conjugating enzyme 7), 1-154 aa, Human, E Coli

CATALOG # AAA48452	HOST E Coli	APPLICATIONS SDS-Page
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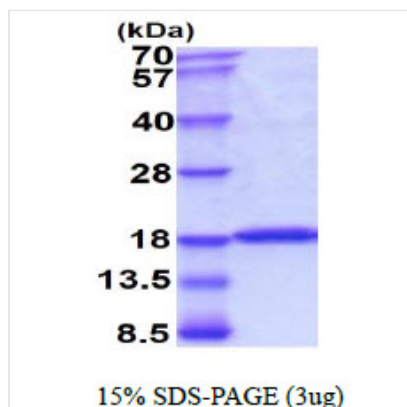
PRODUCT SYNONYMS

ubc7 (ubiquitin Conjugating enzyme 7); 1-154 aa; Human; E Coli; ubiquitin-conjugating enzyme E2L 3; uBE2G1; uBE2G; EC 6.3.2.19; ubiquitin-protein ligase G1; ubiquitin carrier protein G1; E217K; uBC7; ubiquitin-conjugating enzyme E2 G1; ubiquitin-conjugating enzyme E2L 3 uBC 7; uBC7 homolog yeast; uBE 2G; ubiquitin conjugating enzyme E2 G1; ubiquitin conjugating enzyme E2G 1 (homologous to C; elegans uBC7); ubiquitin conjugating enzyme E2G 1 (uBC7 homolog C; elegans) antibody; ubiquitin conjugating enzyme E2G 1 (uBC7 homolog yeast); ubiquitin conjugating enzyme E2G 1; ubiquitin protein ligase G1; ; ubc7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 50 mM HEPES (pH 7.5) 150 mM NaCl, 1mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAE EYS KDRKKFCKNA EEFTKKYGEK RPVD
Sequence Length	154
Applicable Applications for ubc7 recombinant protein	SDS-PAGE
Domain	1-154aa
Preparation and Storage	For long term storage, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for ubc7 recombinant protein	Human ubiquitin-conjugating enzyme 7 (ubcH7) is a ubiquitin-conjugating enzyme (E2) mediating c-fos degradation, transcription factor NF-kappa B maturation, and human papilloma virus-mediated p53 and Myc protein degradation, in vitro. The ubiquitin-conjugating enzymes (E2s) are essential components of the post-translational protein ubiquitination pathway, mediating the transfer of activated ubiquitin to substrate proteins. The human uBE2L1-uBE2L4 gene could potentially encode different isoforms of the ubcH7. uBE2L3 gene, located at chromosome 22q11.2, is the only identical family member with introns and encodes a polypeptide sequence identical to that of ubcH7. ubcH7 (154amino acid) was over-expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for ubc7 recombinant protein	Ubiquitination
References	Ardley HC., et al. (2000) Biochim Biophys Acta. 1491 (1-3):57-64.; Moynihan TP., et al. (1998) Genomics. 51 (1):124-127.; Nuber u., et al (1996) J Biol Chem. 271 (5):2795-2800;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507789
NCBI GeneID	7332
NCBI Accession #	NP_003338
NCBI GenBank Nucleotide #	NM_003347.3
UniProt Accession #	P68036; P51966; P70653; Q9HAV1; B2R4A7; B4DDG1; B4DSZ4; E7EWS7
Molecular Weight	17.9 kDa (154 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 L3 isoform 1
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 L3
NCBI Official Symbol	UBE2L3
NCBI Official Synonym Symbols	E2-F1; L-UBC; UBCH7; UbcM4
NCBI Protein Information	ubiquitin-conjugating enzyme E2 L3
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 L3
UniProt Gene Name	UBE2L3
UniProt Synonym Gene Names	UBCE7; UBCH7

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.