Ubiquitin-Conjugating Enzyme E2 H (UBE2H) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-conjugating enzyme E2 H (UBE2H), Recombinant Protein
Full Product Name	Recombinant Bovine Ubiquitin-conjugating enzyme E2 H (UBE2H)
Product Gene Name	UBE2H recombinant protein
Product Synonym Gene Name	UBE2H
Sequence	MSSPSPGKRR MDTDVVKLIE SKHEVTILGG LNEFVVKFYG PQGTPYEGGV WKVRVDLPDK YPFKSPSIGF MNKIFHPNID EASGTVCLDV INQTWTALYD LTNIFESFLP QLLAYPNPID PLNGDAAAMY LHRPEEYKQK IKEYIQKYAT EEALKEQEEG TGDSSSESSM SDFSEDEAQD MEL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	20,655 Da
Sequence Positions	1-183, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q32LN1
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBE2H recombinant protein	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.
Other Notes	Small volumes of UBE2H recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE2H purchase	MBS1332567 is a recombinant protein targeting UBE2H. Also known as Recombinant Bovine Ubiquitin-conjugating enzyme E2 H (UBE2H). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2H. It may not necessarily be applicable to this product.

NCBI GI #	83035103
NCBI GeneID	539313

NCBI Accession #	NP_001032703.1
UniProt Primary Accession #	Q32LN1
UniProt Related Accession #	Q32LN1
GenBank Nucleotide #	NM_001037614.2
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 H
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 H
NCBI Official Symbol	UBE2H
NCBI Official Synonym Symbols	UBCH2; E2-20K
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 H
UniProt Synonym Protein Names	(E3-independent) E2 ubiquitin-conjugating enzyme H (EC:2.3.2.24); E2 ubiquitin-conjugating enzyme H; Ubiquitin carrier protein H; Ubiquitin-protein ligase H
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBE2H
NCBI Protein Information	ubiquitin-conjugating enzyme E2 H
UniProt Comments for UBE2H	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Capable, in vitro, to ubiquitinate histone H2A.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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