Ubiquitin-Conjugating Enzyme E2 G1 (UBE2G1) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-conjugating enzyme E2 G1 (UBE2G1), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Ubiquitin-conjugating enzyme E2 G1 (UBE2G1)
Product Gene Name	UBE2G1 recombinant protein
Product Synonym Gene Name	UBE2G1
Sequence	MTELQSALLL RRQLAELNKN PVEGFSAGLI DDNDLYRWEV LIIGPPDTLY EGGVFKAHLT FPKDYPLRPP KMKFITEIWH PNVDKNGDVC ISILHEPGED KYGYEKPEGR WLPIHTVETI MISVISMLAD PNGDSPANVD AAKEWREDRN GEFKRKVARC VRKSQETAFE
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	19,437 Da
Sequence Positions	1-170, 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 Q4R5Y8
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBE2G1 recombinant protein	MBS1477728 is a recombinant protein targeting UBE2G1. Also known as Recombinant Macaca fascicularis Ubiquitin-conjugating enzyme E2 G1 (UBE2G1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UBE2G1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2G1. It may not necessarily be applicable to this product.

NCBI GI #	545687628
NCBI GeneID	101867309
NCBI Accession #	NP_001270329.1
UniProt Primary Accession #	Q4R5Y8
UniProt Related Accession #	Q4R5Y8

GenBank Nucleotide #	NM_001283400.1
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 G1
NCBI Official Symbol	UBE2G1
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 G1
UniProt Synonym Protein Names	E2 ubiquitin-conjugating enzyme G1; Ubiquitin carrier protein G1; Ubiquitin-protein ligase G1
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBE2G1
NCBI Protein Information	ubiquitin-conjugating enzyme E2 G1
UniProt Comments for UBE2G1	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4.
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