E3 Ubiquitin-Protein Ligase BRE1 (BRE1), Partial (BRE1) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase BRE1 (BRE1), partial, Recombinant Protein
Full Product Name	Recombinant Gibberella zeae E3 ubiquitin-protein ligase BRE1 (BRE1), partial
Product Gene Name	BRE1 recombinant protein
Product Synonym Gene Name	BRE1; FG06769
Product Synonym Names	E3 ubiquitin-protein ligase BRE1; EC=6.3.2.-
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	80,210 Da
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 Q4I7N9
Species	Gibberella zeae (strain PH-1 / MYA-4620 / FGSC 9075 / NRRL 31084) (Wheat head blight fungus) (Fusarium graminearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BRE1 recombinant protein	MBS1350256 is a recombinant protein targeting BRE1. Also known as Recombinant Gibberella zeae E3 ubiquitin-protein ligase BRE1 (BRE1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BRE1 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 BRE1. It may not necessarily be applicable to this product.

NCBI GI #	46124783
NCBI GeneID	2788303
NCBI Accession #	XP_386945.1
UniProt Primary Accession #	Q4I7N9
UniProt Secondary Accession #	V6RER5
UniProt Related Accession #	Q4I7N9
GenBank Nucleotide #	XM_386945.1

NCBI Official Full Name	hypothetical protein FG06769.1
NCBI Official Symbol	FG06769.1
UniProt Protein Name	E3 ubiquitin-protein ligase BRE1
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	BRE1
UniProt Entry Name	BRE1_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for BRE1	E3 ubiquitin-protein ligase that mediates monoubiquitination of histone H2B to form H2BK123ub1. H2BK123ub1 gives a specific tag for epigenetic transcriptional activation and is also a prerequisite for H3K4me and H3K79me formation.
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