BTB/POZ Domain-Containing Adapter for CUL3-Mediated Rhoa Degradation Protein 2 (TNFAIP1) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 (TNFAIP1), Recombinant Protein
Full Product Name	Recombinant Pongo abelii BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 (TNFAIP1)
Product Gene Name	TNFAIP1 recombinant protein
Product Synonym Gene Name	TNFAIP1
Sequence	MSGDTCLCPA SGAKPKLSGF KGGGLGNKYV QLNVGGSLYY TTVRALTRHD TMLKAMFSGR MEVLTDKEGW ILIDRCGKHF GTILNYLRDD TITLPQNRQE IKELMAEAKY YLIQGLVNMC QSALQDKKDS YQPVCNIPII TSLKEEERLI ESSTKPVVKL LYNRSNNKYS YTSNSDDHLL KNIELFDKLS LRFNGRVLFI KDVIGDEICC WSFYGQGRKL AEVCCTSIVY ATEKKQTKVE FPEARIYEET LNVLLYETPR VPDNSLLEAT SRSCSQASPS EDEETFELRD RVRRIHVKRY STYDDRQLGH QSTHRD
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	36,151 Da
Sequence Positions	1-316, 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 Q5RBH4
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TNFAIP1 recombinant protein	MBS1345137 is a recombinant protein targeting TNFAIP1. Also known as Recombinant Pongo abelii BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 (TNFAIP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TNFAIP1 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 TNFAIP1. It may not necessarily be applicable to this product.

NCBI GI #	197103078
NCBI GeneID	100172414

NCBI Accession #	NP_001125505.1
UniProt Primary Accession #	Q5RBH4
UniProt Related Accession #	Q5RBH4
GenBank Nucleotide #	NM_001132033.1
NCBI Official Full Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
NCBI Official Symbol	TNFAIP1
UniProt Protein Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Synonym Protein Names	BTB/POZ domain-containing protein TNFAIP1
Protein Family	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein
UniProt Gene Name	TNFAIP1
NCBI Protein Information	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Comments for TNFAIP1	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(TNFAIP1) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration. Its interaction with RHOB may regulate apoptosis. May enhance the PCNA-dependent DNA polymerase delta activity ().
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