Ankyrin Repeat and SOCS Box Protein 3 (ASB3) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ankyrin repeat and SOCS box protein 3 (ASB3), Recombinant Protein
Full Product Name	Recombinant Human Ankyrin repeat and SOCS box protein 3 (ASB3)
Product Gene Name	ASB3 recombinant protein
Product Synonym Gene Name	ASB3
Sequence	MDFTEAYADT CSTVGLAARE GNVKVLRKLL KKGRSVDVAD NRGWMPIHEA AYHNSVECLQ MLINADSSEN YIKMKTFEGF CALHLAASQG HWKIVQILLE AGADPNATTL EETTPLFLAV ENGQIDVLRL LLQHGANVNG SHSMCGWNSL HQASFQENAE IIKLLLRKGA NKECQDDFGI TPLFVAAQYG KLESLSILIS SGANVNCQAL DKATPLFIAA QEGHTKCVEL LLSSGADPDL YCNEDSWQLP IHAAAQMGHT KILDLLIPLT NRACDTGLNK VSPVYSAVFG GHEDCLEILL RNGYSPDAQA CLVFGFSSPV CMAFQKDCEF FGIVNILLKY GAQINELHLA YCLKYEKFSI FRYFLRKGCS LGPWNHIYEF VNHAIKAQAK YKEWLPHLLV AGFDPLILLC NSWIDSVSID TLIFTLEFTN WKTLAPAVER MLSARASNAW ILQQHIATVP SLTHLCRLEI RSSLKSERLR SDSYISQLPL PRSLHNYLLY EDVLRMYEVP ELAAIQDG
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	61,775 Da
Sequence Positions	1-518, 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.
OMIM	605760
3D Structure	ModBase 3D Structure for Q9Y575
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ASB3 recombinant protein	This protein is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants have been described for this gene but some of the full length sequences are not known.
Other Notes	Small volumes of ASB3 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 ASB3 purchase	MBS1285554 is a recombinant protein targeting ASB3. Also known as Recombinant Human Ankyrin repeat and SOCS box protein 3 (ASB3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASB3. It may not necessarily be applicable to this product.

NCBI GI #	255982572
NCBI GeneID	100302652
NCBI Accession #	NP_001157637.1
UniProt Primary Accession #	Q9Y575
UniProt Secondary Accession #	Q2TAI4; Q53TN0; Q53TN8; Q9NVZ2; B3KPA3; D6W5B4; D6W5B5; G8JLA9
GenBank Nucleotide #	NM_001164165.1
NCBI Official Full Name	GPR75-ASB3 protein
NCBI Official Synonym Full Names	GPR75-ASB3 readthrough
NCBI Official Symbol	GPR75-ASB3
UniProt Protein Name	Ankyrin repeat and SOCS box protein 3
Protein Family	Ankyrin repeat and SOCS box protein
UniProt Gene Name	ASB3
UniProt Synonym Gene Names	ASB-3
NCBI Protein Information	GPR75-ASB3 protein
NCBI Summary for ASB3	This locus represents naturally occurring read-through transcription between the neighboring GPR75 (G protein-coupled receptor 75) and ASB3 (ankyrin repeat and SOCS box containing 3) on chromosome 2. The transcript includes exons from both GPR75 and ASB3 and translation initiates in the 5' non-coding exon of GPR75. The resulting protein has a novel N-terminus but is otherwise identical to that encoded by ASB3.[provided by RefSeq, Feb 2011]
UniProt Comments for ASB3	Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes TNFRSF1B.
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