E3 Ubiquitin-Protein Ligase SINA-Like 4 (AT1G66650) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase SINA-like 4 (At1g66650), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana E3 ubiquitin-protein ligase SINA-like 4 (At1g66650)
Product Gene Name	At1g66650 recombinant protein
Product Synonym Gene Name	At1g66650
Sequence	MTKLGRRNDG GGKSHRSSTK RQRRTSVSVD DPSPGEEEEK TLVVLTDDSD SEEDDKPLGD VLRTCRKRRV SSPKSVTLPN SNVLECPNCF DPLKKPIFQC NNGHLACFLC CIKLKKRCSF CKLPIGDVRC RAMEKVIKAG LVSCSNAIYG CKQSTTYGNQ LQSHEKVCVF APCSCPIKDC NYIGFYKDLI NHFRATHKVS PGDINSFVFD RPVIFGLDLD SSDKMVIFVE EKQGNLFVVQ GFIGSHGVYA TVSHIAPMVP EVRKFSCSLA RLRPYSTLRL GLEVKNIQKL RSQEEQPQED FLLIPSYMVN GDHMKMEISI GDKNDYTHI
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	36,938 Da
Sequence Positions	1-329, 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 Q9C9M0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g66650 recombinant protein	MBS1349916 is a recombinant protein targeting At1g66650. Also known as Recombinant Arabidopsis thaliana E3 ubiquitin-protein ligase SINA-like 4 (At1g66650). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g66650 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 At1g66650. It may not necessarily be applicable to this product.

NCBI GI #	30697377
NCBI GeneID	842983
NCBI Accession #	NP_849853.1

UniProt Primary Accession #	Q9C9M0
UniProt Secondary Accession #	Q9C6H0
UniProt Related Accession #	Q9C9M0
GenBank Nucleotide #	NM_179522.2
NCBI Official Full Name	Protein with RING/U-box and TRAF-like domain
NCBI Official Symbol	AT1G66650
UniProt Protein Name	E3 ubiquitin-protein ligase SINA-like 4
UniProt Synonym Protein Names	RING-type E3 ubiquitin transferase SINA-like 4Curated; Seven in absentia-like protein 4
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	At1g66650
NCBI Protein Information	Protein with RING/U-box and TRAF-like domain
UniProt Comments for At1g66650	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. It probably triggers the ubiquitin-mediated degradation of different substrates.
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