Probable Indole-3-Acetic Acid-Amido Synthetase Gh3.9 (Gh3.9) (GH3.9) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable indole-3-acetic acid-amido synthetase GH3.9 (GH3.9), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Probable indole-3-acetic acid-amido synthetase GH3.9 (GH3.9)
Product Gene Name	GH3.9 recombinant protein
Product Synonym Gene Name	GH3.9
Sequence	MFVKSETKTR GGLTAWFALT SVYKSEQFKS MAIAYTSPTA AILCEDAFQS MYAQMVCGLC QRHDVVRFGA VFAAALVRAI RFLQLNWGQL AADIEAGELG PHVADPSVRE AVSGILRSDA ELAEFVRIEC SKGDWAGIIT RIWPNTKYVD AIVTGAMAQY IRTLQYYSGG LPIVSTSYAS SECFFGINLR PVCDPSEVSY TIMPNTAYFE FLPVGEVVDA TNLVDLARVE VGREYEVVIT TYAGLSRYRV GDVLRVTGFH NAAPQFRFVR RQSVLLSVEL DKTDEAELHR AVERASSALL RPRGVSVAEY TSRACTERIP GHYVVYWELL TESPVGAGDG DTVDGETLGR CCLEMEEALS AVYRQGRVAD GSIGPLEIRI VRPGTFEEVM DLAVSRGTSI GQYKVPQCVT VPSVVELLDS RVVSSQFSPA LPHWIPTPRS D
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	48,463 Da
Sequence Positions	1-441, 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 Q6ZLA3
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GH3.9 recombinant protein	MBS1382322 is a recombinant protein targeting GH3.9. Also known as Recombinant Oryza sativa subsp. japonica Probable indole-3-acetic acid-amido synthetase GH3.9 (GH3.9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GH3.9 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 GH3.9. It may not necessarily be applicable to this product.

NCBI GI #	75136487
NCBI GeneID	4343704

NCBI Accession #	Q6ZLA3.1
UniProt Primary Accession #	Q6ZLA3
UniProt Related Accession #	Q6ZLA3
NCBI Official Full Name	Probable indole-3-acetic acid-amido synthetase GH3.9
NCBI Official Symbol	LOC4343704
NCBI Official Synonym Symbols	GH3.9; OsGH3-9; OJ1065_B06.9
UniProt Protein Name	Probable indole-3-acetic acid-amido synthetase GH3.9
UniProt Synonym Protein Names	Auxin-responsive GH3-like protein 9; OsGH3-9
Protein Family	Probable indole-3-acetic acid-amido synthetase
UniProt Gene Name	GH3.9
UniProt Synonym Gene Names	OsGH3-9
NCBI Protein Information	probable indole-3-acetic acid-amido synthetase GH3.9
UniProt Comments for GH3.9	May catalyze the synthesis of indole-3-acetic acid (IAA)-amino acid conjugates, providing a mechanism for the plant to cope with the presence of excess auxin.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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