Probable Aldo-Keto Reductase 4 (AT1G60710) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable aldo-keto reductase 4 (At1g60710), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable aldo-keto reductase 4 (At1g60710)
Product Gene Name	At1g60710 recombinant protein
Product Synonym Gene Name	At1g60710
Sequence	MAEACGVRRM KLGSQGLEVS AQGLGCMGLS AFYGAPKPEN EAIALIHHAI HSGVTLLDTS DIYGPETNEV LLGKALKDGV REKVELATKF GISYAEGKRE VRGDPEYVRA ACEASLKRLD IACIDLYYQH RVDTRVPIEI TMGELKKLVE EGKIKYIGLS EASASTIRRA HAVHPITAVQ IEWSLWTRDV EEEIIPTCRE LGIGIVAYSP LGRGFFASGP KLVENLEKDD FRKALPRFQE ENLDHNKIVY EKVCAISEKK GCTPGQLALA WVHHQGDDVC PIPGTTKIEN LKQNIGALSV KLTPEEMTEL EAIAQPGFVK GDRYSNMIPT FKNAETPPLS AWKAA
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	37,925 Da
Sequence Positions	1-345, 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 Q93ZN2
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g60710 recombinant protein	MBS1331798 is a recombinant protein targeting At1g60710. Also known as Recombinant Arabidopsis thaliana Probable aldo-keto reductase 4 (At1g60710). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g60710 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 At1g60710. It may not necessarily be applicable to this product.

NCBI GI #	18406861
NCBI GeneID	842365
NCBI Accession #	NP_564761.1
UniProt Primary Accession #	Q93ZN2

UniProt Secondary Accession #	O22709; Q42080; Q9SEX1
UniProt Related Accession #	Q93ZN2
GenBank Nucleotide #	NM_104754.4
NCBI Official Full Name	NAD(P)-linked oxidoreductase superfamily protein
NCBI Official Symbol	ATB2
NCBI Official Synonym Symbols	F8A5.23; F8A5_23
UniProt Protein Name	Probable aldo-keto reductase 4
Protein Family	Probable aldo-keto reductase
UniProt Gene Name	At1g60710
NCBI Protein Information	NAD(P)-linked oxidoreductase superfamily protein
NCBI Summary for At1g60710	Encodes ATB2.
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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