Chalcone Synthase 2 (CHS2) Glycine Max Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chalcone synthase 2 (CHS2), Recombinant Protein
Full Product Name	Recombinant Glycine max Chalcone synthase 2 (CHS2)
Product Gene Name	CHS2 recombinant protein
Sequence	MVSVEEIRKA QRAEGPATVM AIGTATPPNC VDQSTYPDYY FRITNSEHMT ELKEKFKRMC DKSMIKKRYM YLNEEILKEN PSVCAYMAPS LDARQDMVVM EVPKLGKEAA TKAIKEWGQP KSKITHLIFC TTSGVDMPGA DYQLTKLLGL RPSVKRYMMY QQGCFAGGTV LRLAKDLAEN NKGARVLVVC SEITAVTFRG PTDTHLDSLV GQALFGDGAA AVIVGSDPLP VEKPLFQLVW TAQTILPDSE GAIDGHLREV GLTFHLLKDV PGLISKNIEK ALVEAFQPLG ISDYNSIFRI AHPGGPAILD QVEAKLGLKP EKMEATRHVL SEYGNMSSAC VLFILDQMRK KSIENGLGTT GEGLDWGVLF GFGPGLTVET VVLRSVTV
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	42,504 Da
Sequence Positions	1-388, 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 P17957
Species	Glycine max (Soybean) (Glycine hispida)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CHS2 recombinant protein	MBS1236033 is a recombinant protein targeting CHS2. Also known as Recombinant Glycine max Chalcone synthase 2 (CHS2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CHS2 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 CHS2. It may not necessarily be applicable to this product.

NCBI GI #	356512457
NCBI GeneID	102669920
NCBI Accession #	XP_003524935.1
UniProt Primary Accession #	P17957
GenBank Nucleotide #	XM_003524887.3

NCBI Official Symbol	LOC102669920
UniProt Protein Name	Chalcone synthase 2
UniProt Synonym Protein Names	Naringenin-chalcone synthase 2
Protein Family	Chalcone synthase
UniProt Gene Name	CHS2
NCBI Protein Information	chalcone synthase 5-like; stress response protein NST1-like
UniProt Comments for CHS2	The primary product of this enzyme is 4,2',4',6'-tetrahydroxychalcone (also termed naringenin-chalcone or chalcone) which can under specific conditions spontaneously isomerize into naringenin.
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