Acetolactate Synthase Small Subunit (ilvH) Porphyra Purpurea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acetolactate synthase small subunit (ilvH), Recombinant Protein
Full Product Name	Recombinant Porphyra purpurea Acetolactate synthase small subunit (ilvH)
Product Gene Name	ilvH recombinant protein
Sequence	MKHTLSVLVQ DEAGVLSRIS GLFARRGFNI ASLAVGPAEQ IGVSRITMVV QGDNRTIEQL TKQLYKLVNI LNVQDVTNIP SVERELMLIK IQVNSQNRIE ALEIVKIFRA NVVDIAEDLI IVEVTGDPGK IVAIEQLLTK FGIIEIARTG KISLVRTSKI NTEYLKDKVV AYNA
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	19,253 Da
Sequence Positions	1-174, 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 P51230
Species	Porphyra purpurea
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ilvH recombinant protein	MBS1135074 is a recombinant protein targeting ilvH. Also known as Recombinant Porphyra purpurea Acetolactate synthase small subunit (ilvH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ilvH 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 ilvH. It may not necessarily be applicable to this product.

NCBI GI #	11465696
NCBI GeneID	809858
NCBI Accession #	NP_053840.1
UniProt Primary Accession #	P51230
UniProt Related Accession #	P51230
GenBank Nucleotide #	NC_000925.1
NCBI Official Full Name	acetohydroxyacid synthase small subunit (chloroplast)

NCBI Official Symbol	ilvH
UniProt Protein Name	Acetolactate synthase small subunit
UniProt Synonym Protein Names	Acetohydroxy-acid synthase small subunit; AHAS; ALS
Protein Family	Acetolactate synthase
UniProt Gene Name	ilvH
UniProt Synonym Gene Names	AHAS; ALS
NCBI Protein Information	acetolactate synthase small subunit
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