Cysteine desulfurase (iscS) Recombinant Protein | iscS recombinant protein

Recombinant Escherichia coli O6:K15:H31 Cysteine desulfurase (iscS)

CATALOG #	HOST
AAA116949	**E Coli or Yeast or Baculovirus or Mammalian Cell**

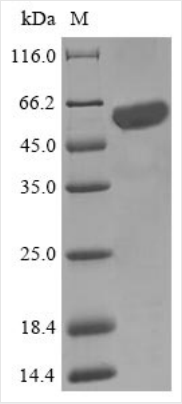
PRODUCT SYNONYMS

Cysteine desulfurase (iscS); Recombinant Escherichia coli O6:K15:H31 Cysteine desulfurase (iscS); Cysteine desulfurase; EC=2.8.1.7; iscS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-404aa; Full Length
Sequence	MKLPIYLDYS ATTPVDPRVA EKMMQFMTMD GTFGNPASRS HRFGWQAEEA VDIARNQIAD LVGADPREIV FTSGATESDN LAIKGAANFY QKKGKHIITS KTEHKAVLDT CRQLEREGFE VTYLAPQRNG IIDLKELEAA MRDDTILVSI MHVNNEIGVV QDIAAIGEMC RARGIIYHVD ATQSVGKLPI DLSQLKVDLM SFSGHKIYGP KGIGALYVRR KPRVRIEAQM HGGGHERGMR SGTLPVHQIV GMGEAYRIAK EEMATEMERL RGLRNRLWNG IKDIEEVYLN GDLEHGAPNI LNVSFNYVEG ESLIMALKDL AVSSGSACTS ASLEPSYVLR ALGLNDELAH SSIRFSLGRF TTEEEIDYTI ELVRKSIGRL RDLSPLWEMY KQGVDLNSIE WAHH
Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **or email to** for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for iscS recombinant protein	Master enzyme that delivers sulfur to a number of partners involved in Fe-S cluster assembly, tRNA modification or cofactor biosynthesis. Catalyzes the removal of elemental sulfur and selenium atoms from cysteine and selenocysteine to produce alanine. Functions as a sulfur delivery protein for Fe-S cluster synthesis onto IscU, an Fe-S scaffold assembly protein, as well as other S acceptor proteins. Also functions as a selenium delivery protein in the pathway for the biosynthesis of selenophosphate.
Product Categories/Family for iscS recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	110642695
NCBI GeneID	4190741
NCBI Accession #	YP_670425.1
NCBI GenBank Nucleotide #	NC_008253.1
UniProt Accession #	Q0TEV5
Molecular Weight	65.1 kDa
NCBI Official Full Name	cysteine desulfurase
NCBI Official Symbol	ECP_2535
NCBI Protein Information	cysteine desulfurase
UniProt Protein Name	Cysteine desulfurase IscS
UniProt Gene Name	**iscS**
UniProt Entry Name	ISCS_ECOL5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/iscs-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116949