



# Recombinant Cysteine desulfurase (iscS)

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| <b>Product Code</b>      | CSB-MP015769EOD  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P0A6B9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli O157:H7   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKLPYLDYS ATTPVDPRVA EKMMQFMTMD GTFGNPASRS HRFGWQAEAA<br>VDIARNQIAD LVGADPREIV FTSGATESDN LAIKGAANFY QKKGKHIITS<br>KTEHKAVLDT CRQLEREGFE VTYLAPQRNG IIDLKELEAA MRDDTILVSI<br>MHVNNEIGVV QDIAAIGEMC RARGIYHVD ATQSVGKLPI DLSQLKVDLM<br>SFGHKIYGP KGIGALYVRR KPRVRIEAQM HGGGHERGMR SGTLPVHQIV<br>GMGEAYRIAK EEMATEMERL RGLRNRLWNG IKDIEEVYLN GDLEHGAPNI<br>LNVSFNYVEG ESLIMALKDL AVSSGSACTS ASLEPSYVLR ALGLNDELAH<br>SSIRFSLGRF TTEEEIDYTI ELVRKSIGRL RDLSPWEMY KQGVDLNSIE<br>WAHH |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | iscS   |
| <b>Protein Names</b>     | Recommended name: Cysteine desulfurase EC= 2.8.1.7   |
| <b>Expression Region</b> | 1-404  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |