

## Recombinant Human SCLY protein, GST-tagged

**Cat. No.** SCLY-301496H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SCLY (1-231 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-His231                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.               |
| <b>AA Sequence</b>      | MEAAVAPGRDAPAPAASQPSGCGKHNSPERKVYMDYNATTPLEPEVIQAMTKAMW<br>EAWGNPSSPYSAGRKAKDIINAARES LAKMIGGKPQDIIFTSGGTESNNLVIHSVVKH<br>FHANQTSKGHTGGHHSPVKGAKPHFITSSVEHDSIRLPLEHLVEEQVAAVTFVPVSK<br>VSGQTEVDDILAAVRPTTRLVTIMLANNETGIVMPVPEISQRIKALNQERVAAGLPPILVH |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                                   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                             |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## GENE INFORMATION

|                 |                                                                       |
|-----------------|-----------------------------------------------------------------------|
| Gene Name       | SCLY selenocysteine lyase [ Homo sapiens ]                            |
| Official Symbol | SCLY                                                                  |
| Synonyms        | SCLY; selenocysteine lyase; putative selenocysteine lyase; SCL; hSCL; |
| Gene ID         | 51540                                                                 |
| mRNA Refseq     | NM_016510                                                             |
| Protein Refseq  | NP_057594                                                             |
| MIM             | 611056                                                                |
| UniProt ID      | Q96I15                                                                |

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