

## Recombinant Mouse Scly Protein, Myc/DDK-tagged

**Cat. No.** Scly-5715M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length selenocysteine lyase (Scly), with C-terminal MYC/DDK tag, expressed in HEK293T cells.       |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium.                                                          |
| <b>Molecular Mass</b>   | 47.2 kDa                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                              |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                         |

### GENE INFORMATION

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|                 |                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Scly selenocysteine lyase [ Mus musculus (house mouse) ]                                                                           |
| Official Symbol | Scly                                                                                                                               |
| Synonyms        | SCLY; selenocysteine lyase; mSCL; selenocysteine reductase; Selenocysteine reductase; SCL; Scly1; Scly2; 9830169H08; A930015N15Rik |
| Gene ID         | 50880                                                                                                                              |
| mRNA Refseq     | NM_016717                                                                                                                          |
| Protein Refseq  | NP_057926                                                                                                                          |
| UniProt ID      | Q9JLI6                                                                                                                             |

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