

## Recombinant Mouse Sephs1 Protein, MYC/DDK-tagged

**Cat. No.** Sephs1-402M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse selenophosphate synthetase 1 (Sephs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                            |
| <b>Description</b>      | Synthesizes selenophosphate from selenide and ATP.                                                                                                |
| <b>Molecular Mass</b>   | 42.9 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 ug/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

|                  |                                                                    |
|------------------|--------------------------------------------------------------------|
| <b>Gene Name</b> | Sephs1 selenophosphate synthetase 1 [ Mus musculus (house mouse) ] |
|------------------|--------------------------------------------------------------------|

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">SephS1</a>                                                                                                                                                                           |
| <b>Synonyms</b>        | SephS1; selenophosphate synthetase 1; SPS; SELD; SPS1; AA589574; AI505014; AW111620; 1110046B24Rik; selenide, water dikinase 1; selenium donor protein 1; selenophosphate synthase 1; EC 2.7.9.3 |
| <b>Gene ID</b>         | <a href="#">109079</a>                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <a href="#">NM_175400</a>                                                                                                                                                                        |
| <b>Protein Refseq</b>  | <a href="#">NP_780609</a>                                                                                                                                                                        |
| <b>UniProt ID</b>      | <a href="#">Q8BH69</a>                                                                                                                                                                           |

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