

Recombinant Mouse Sephs1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse selenophosphate synthetase 1 (Sephs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Synthesizes selenophosphate from selenide and ATP.
Molecular Mass	42.9 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Sephs1 selenophosphate synthetase 1 [Mus musculus (house mouse)]
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Official Symbol	SephS1
Synonyms	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
Gene ID	109079
mRNA Refseq	NM_175400
Protein Refseq	NP_780609
UniProt ID	Q8BH69

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