

Recombinant Mouse Psph Protein, MYC/DDK-tagged

Cat. No. Psph-164M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse phosphoserine phosphatase (Psph), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the last step in the biosynthesis of serine from carbohydrates. The reaction mechanism proceeds via the formation of a phosphoryl-enzyme intermediates. Ubiquitous expression in placenta adult (RPKM 14.8), liver E14 (RPKM 8.2) and 28 other tissues.
Molecular Mass	25.1 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.

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GENE INFORMATION

Gene Name	Psph phosphoserine phosphatase [Mus musculus (house mouse)]
Official Symbol	Psph
Synonyms	Psph; phosphoserine phosphatase; PSP; PSPase; AI480570; phosphoserine phosphatase; O-phosphoserine phosphohydrolase; EC 3.1.3.3
Gene ID	100678
mRNA Refseq	NM_133900
Protein Refseq	NP_598661
UniProt ID	Q99LS3

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