

Recombinant Mouse Shmt1 Protein, Myc/DDK-tagged

Cat. No. Shmt1-5868M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine hydroxymethyltransferase 1 (soluble) (Shmt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Interconversion of serine and glycine.
Molecular Mass	53.1 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 µg/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	Shmt1 serine hydroxymethyltransferase 1 (soluble) [Mus musculus (house mouse)]
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Official Symbol	Shmt1
Synonyms	SHMT1; serine hydroxymethyltransferase 1 (soluble); serine hydroxymethyltransferase, cytosolic; serine methylase; glycine hydroxymethyltransferase; Shmt; mshmt; C81125; mshmt1; mshmt2; AI324848; AI385541
Gene ID	20425
mRNA Refseq	NM_009171
Protein Refseq	NP_033197
UniProt ID	P50431

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