Recombinant Mouse Smyd1 Protein, MYC/DDK-tagged

Cat. No. Smyd1-718M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse SET and MYND domain containing 1 (Smyd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in heart adult (RPKM 89.8), mammary gland adult (RPKM 9.3) and 1 other tissue.
Molecular Mass	56.5 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

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Gene Name	Smyd1 SET and MYND domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Smyd1
Synonyms	Smyd1; SET and MYND domain containing 1; Bop; C78565; Zmynd18; 4632404M21Rik; histone-lysine N-methyltransferase Smyd1; CD8b-opposite; CD8beta opposite strand; SET and MYND domain-containing protein 1; m-BOP; zinc finger protein BOP; EC 2.1.1.354
Gene ID	12180
mRNA Refseq	NM_001160127
Protein Refseq	NP_001153599
UniProt ID	P97443

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