Recombinant Mouse Jmjd6 Protein, MYC/DDK-tagged

Cat. No. Jmjd6-349M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse jumonji domain containing 6 (Jmjd6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein functions in differentiation of multiple tissues during development, and in anti-inflammatory cytokine signaling. It was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that this protein does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor.
Molecular Mass	46.6 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.

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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	Jmjd6 jumonji domain containing 6 [Mus musculus (house mouse)]
Official Symbol	Jmjd6
Synonyms	Jmjd6; jumonji domain containing 6; PSR; Ptdsr; PtdSerR; mKIAA0585; D11Ertd195e; 5730436I23Rik; bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; apoptotic cell clearance receptor PtdSerR; histone arginine demethylase JMJD6; jmjC domain-containing protein 6; jumonji domain-containing protein 6; lysyl-hydroxylase JMJD6; peptide-lysine 5-dioxygenase JMJD6; phosphatidylserine receptor; EC 1.14.11.-
Gene ID	107817
mRNA Refseq	NM_033398
Protein Refseq	NP_203971
UniProt ID	Q9ERI5

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