Recombinant Human JMJD6 Protein, GST-tagged

Cat. No. JMJD6-109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal GST-tagged full length human JMJD6 protein (2-403) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-403
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 was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	73.2 kDa
Purity	~50% estimated by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.

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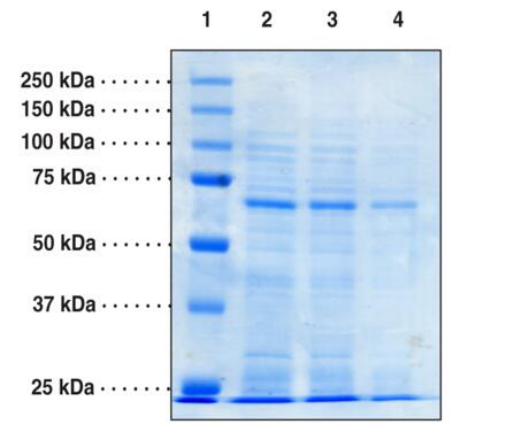
Storage Buffer	50 mM HEPES, pH 7.4, containing 150 mM sodium chloride

GENE INFORMATION

Gene Name	JMJD6 jumonji domain containing 6, arginine demethylase and lysine hydroxylase [Homo sapiens (human)]
Official Symbol	JMJD6
Synonyms	JMJD6; jumonji domain containing 6, arginine demethylase and lysine hydroxylase; PSR; PTDSR; PTDSR1; bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; arginine demethylase and lysine hydroxylase; 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	23210
mRNA Refseq	NM_015167
Protein Refseq	NP_055982
MIM	604914
UniProt ID	Q6NYC1

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SDS-PAGE analysis of JMJD6



Lane 1: MW Markers

Lane 2: JMJD6 (6 μg)

Lane 3: JMJD6 (4 μg)

Lane 4: JMJD6 (2 μg)

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