

Recombinant Human JMJD6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. JMJD6-4745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JMJD6 MS Standard C13 and N15-labeled recombinant protein (NP_001074930) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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 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	47.4 kDa
AA Sequence	MNHKSKKRIREAKRSARPELKDSLWTRHNYYESFSLSPAAVADNVERADALQLSV EEFVERYERPYKPVVLLNAQEGWSAQEKWTLERLKRKYRNQKFKCGEDNDGYSVK MKMKYYIEYMESTRDDSPYIFDSSYGEHPKRRKLLDYKVPKFFTDDLQFYAGEKR RPPYRWFVMGPPRSGTGIHIDPLGTSAWNALVQGHKRWCLFPTSTPRELIKVTRDE GGNQQDEAITWFNVIYPRTQLPTWPPEFKPLEILQKPGETVFVPGGWWHVVLNLD TIAITQNFASSTNFPVWWHKTVRGRPKLSRKWYRILKQEHPELAVLADSVDLQESTGI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ASDSSSDSSSSSSSSSSSDSDSECESGSEGDGTVHRRKKRRTCSMVGNGDTTSQD
DCVSKERSSSRIRDTCGGRAHPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name JMJD6 jumonji domain containing 6 [Homo sapiens (human)]

Official Symbol JMJD6

Synonyms JMJD6; jumonji domain containing 6; phosphatidylserine receptor, PTDSR; bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; KIAA0585; PTDSR1; lysyl-hydroxylase JMJD6; phosphatidylserine receptor; jmjC domain-containing protein 6; histone arginine demethylase JMJD6; peptide-lysine 5-dioxygenase JMJD6; jumonji domain-containing protein 6; PSR; PTDSR;

Gene ID 23210

mRNA Refseq NM_001081461

Protein Refseq NP_001074930

 Tel: 1-631-559-9269 1-516-512-3133

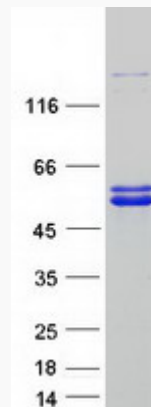
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 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 604914

UniProt ID Q6NYC1

SDS-PAGE



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