

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

Cat. No. JMJD6-2856H Lot. No. (See product label)

SPECIFICATION

Product Overview

JMJD6 MS Standard C13 and N15-labeled recombinant protein (NP_055982) 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


46.5 kDa

AA Sequence

MNHKSKKRIREAKRSARPELKDSLWTRHNYYESFSLSPAAVADNVERADALQLSV
EEFVERYERPYPKPVLLNAQEGWSAQEKWTLERLKRKYRNQKFKCGEDNDGYSVK
MKMKYYIEYMESTRDDSPYIFDSSYGEHPKRRKLLLEDYKVPKFFTDLDFQYAGEKR
RPPYRWFVMGPPRSGTGIHIDPLGTSAWNALVQGHKRWCLFPTSTPRELIKVTRDE
GGNQQDEAITWFNVIYPRTLPTWPPEFKPLEILQKPGETVFVPGGWWHVVLNLDL
TIAITQNFASSTNFPVWWHKTVRGRPKLSRKWYRILKQEHPELAVLADSVDLQESTGI

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ASDSSSDSSSSSSSSSSSDSDSECESGSEGDTVHRRKKRRTCSMVGNGDTTSQD
DCVSKERSSSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_015167

Protein Refseq NP_055982

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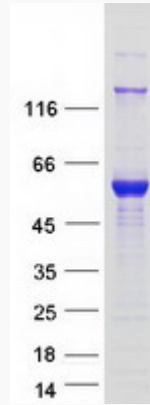
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MIM 604914

UniProt ID Q6NYC1

SDS-PAGE



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