

Recombinant Human PRMT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRMT3-5200H Lot. No. (See product label)

SPECIFICATION

Product Overview	PRMT3 MS Standard C13 and N15-labeled recombinant protein (NP_005779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants.
Molecular Mass	59.9 kDa
AA Sequence	<p>MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPLFCN RLFTSAEETFSHCKSEHQFNIDSMVHKHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPV PWEKEEYLKPVLEDDLLLQFDVEDLYEPVSVPFSPNGLSENTSVVEKLNHMEARAL SAEAALARAREDLQKMKQFAQDFVMHTDVRTCSSSTSVIADLQEDEDGVYFSSYGH YGIHEEMLKDKIRTESYRDFIYQNPHIFKDKVLDVGCCTGILSMFAAKAGAKKVLGV DQSEILYQAMDIIRLNKLEDTITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVL YAKNKYLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEA VVEVLDPKTLISEPCGIKHIDCHTTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNC</p>

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HNRVVFSTGPQSTKTHWKQTVFLEKPFPSVKAGEALKGKVTVHKNKKDPRSLTVTL
TLNNSTQTYGLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 PRMT3 protein arginine methyltransferase 3 [Homo sapiens (human)]

Official Symbol PRMT3

Synonyms PRMT3; protein arginine methyltransferase 3; HMT1 hnRNP methyltransferase like 3 (S. cerevisiae), HRMT1L3; protein arginine N-methyltransferase 3; HMT1 hnRNP methyltransferase-like 3; heterogeneous nuclear ribonucleoprotein methyltransferase-like 3; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3; HRMT1L3;

Gene ID 10196

mRNA Refseq NM_005788

Protein Refseq NP_005779

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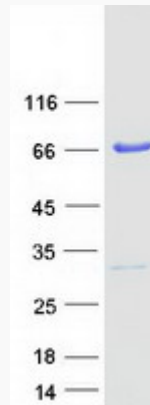
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MIM 603190

UniProt ID O60678

SDS-PAGE



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