

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	MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPCLFCN RLFTSAEETFSHCKSEHQFNIDSMVHKHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPV PWEKEEYLKPVLEDDLLLQFDVEDLYEPVSVPFSPNGLSENTSVVEKLKHMEARAL SAEAALARAREDLQKMKQFAQDFVMHTDVRTCSSSTSVIADLQEDEDGVYFSSYGH YGIHEEMLKDKIRTESYRDFIYQNPHIFKDKVVLVDVGC GTGILSMFAAKAGAKKVLGV DQSEILYQAMDIIRLNKLEDITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVL YAKNKYLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEA VVEVLDPKTLISEPCGIKHIDCHTTSSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNC

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HNRVVFSTGPQSTKTHWKQTVFLLEKPFPSVKAGEALKGKVTVHKNKKDPRSLTVTL
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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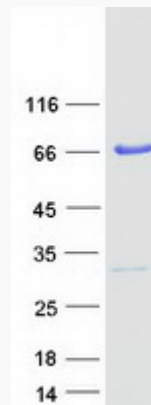
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MIM 603190

UniProt ID O60678

SDS-PAGE



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