

Product datasheet for TP301672

PRMT7 (NM_019023) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein arginine methyltransferase 7 (PRMT7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201672 protein sequence Red =Cloning site Green =Tags(s)
	<p>MKIFCSRANPTTGSVEWLEEDEHYDYHQEIARSSYADMLHDKDRNVKYYQGIRAAVSRVKDRGQKALVLD IGTGTGLLSMMAVTAGADFCYAIEVFKPMADAANKIVEKNGFSDKIKVINKHSTEVTVGPEGDMPCRANI LVTELFDETELIGEGALPSYEHHRHLVEENCEAVPHRATVYAQLVESGRMWSWNKLFPIHVQTSLGEQVI VPPVDVESCPCGAPSVCDIQLNQVSPADFTVLSVDLPMFSIDFSKQVSSSAACHSRRFEPLTSGRAQVVL WWDIEMDPEGKIKCTMAPFWAHSPEEMQWRDHWMQCVYFLPQEEPVVQGSALYLVAHHDDYCVWYSLQR TSPEKNERVRQMRPVCDCQAHLLWNRPRFGEINDQDRTDRYVQALRTVLPDSVCLCVSDGSLLSVLAHH LGVEQVFTVESSAASHKLLRKIFKANHLEDKINIEKPELLTNEDLQGRKVSLLGEPFFTTSLLPWHN LYFWYVRTAVDQHLGPGAMVMPQAASLHAVVVEFRDLWRIRSPCGDCEGFDVHIMDDMIKRALDFRESRE AEPHPLWEYPCRSLSPEWQILTFDFQQPVLQPLCAEGTVELRRPGQSHA AVLWMEYHLTPECTLSTGLL EPADPEGGCCWNPCHKQAVYFFSPAPDPRALLGGPRTVSYAVEFHPDTGDIIMEFRHADTPD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	78.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_061896](#)

Locus ID: 54496

UniProt ID: [Q9NVM4](#), [A0A024R726](#)

RefSeq Size: 2478

Cytogenetics: 16q22.1

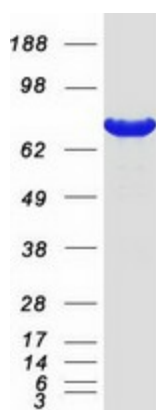
RefSeq ORF: 2076

Synonyms: SBIDDS

Summary: This gene encodes a member of the protein arginine N-methyltransferase family of proteins. The encoded enzyme transfers single methyl groups to arginine residues to generate monomethylarginines on histone proteins as well as other protein substrates. This enzyme plays a role in a wide range of biological processes, including neuronal differentiation, male germ line imprinting, small nuclear ribonucleoprotein biogenesis, and regulation of the Wnt signaling pathway. Mutations in this gene underlie multiple related syndromes in human patients characterized by intellectual disability, short stature and other features. The encoded protein may promote breast cancer cell invasion and metastasis in human patients. [provided by RefSeq, May 2017]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PRMT7 protein (Cat# TP301672). The protein was produced from HEK293T cells transfected with PRMT7 cDNA clone (Cat# [RC201672]) using MegaTran 2.0 (Cat# [TT210002]).