

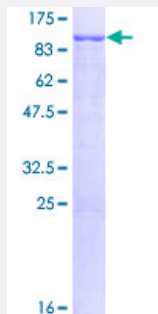
Full-Length

PRMT7 (Human) Recombinant Protein (P01)

Catalog # H00054496-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRMT7 full-length ORF (NP_061896.1, 1 a.a. - 692 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKIFCSRANPTTGSGVEWLEEDHYDHYHQEIARSSYADMLHDKDRNVKYYQGIRAAVSRVKDRGQ
KALVLDIGTGTGLLSMMAVTAGADFCYAEVFKPMADA AVKIVEKNGFSDKIKVINKHSTEVTVGPE
GDMPCRANILVTELFDTLIGEGALPSYEHHRHLVEENCEAVPHRATVYAQLVESGRMWSWNK
LFPIHVQTSLGEQVIVPPVDVESC PGAPSVCDIQLNQVSPADFTVLSVDVLPMFSDFSKQVSSSAA
CHSRRFEPLTSGRAQVVLSWWDIEMDPEGKIKCTMAPFWAHS DPEEMQWRDHWMQC VYFLPQ
EEPVVQGSALYLVAHDDDYCVWYSLQRTSPEKNERVRQMRPV CDCQAHL LWNRP RFGEINDQD
RTDRYVQALRTVLKPDSVCLCVSDGSLLSVLAHHLGVEQVFTVESSAASHKLLRKIFKANHLEDKI
NIEKRPELLTNEDLQGRKVSLLLGEPPFTTSLLPWHNLYFWYVRTAVDQHLGPGAMVMPQAASL
HAVVVEFRDLWRIRSPCGDCEGFDVHIMDDMIKRALDFRESREAEPHPLWEYPCRSLS EPWQIL
TFDFQQPVPLQPLCAEGTVELRRPGQSHA AVLWMEYHL TPECTLSTGLLEPADPEGGCCWNPH
CKQAVYFFSPAPDPRALLGGPRTVSYAVEFH PDTGDIIMEFRHADTPD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

104.9

Interspecies Antigen Sequence

Rat (84)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRMT7

Entrez GeneID	54496
GeneBank Accession#	NM_019023.1
Protein Accession#	NP_061896.1
Gene Name	PRMT7
Gene Alias	FLJ10640, KIAA1933
Gene Description	protein arginine methyltransferase 7
Omim ID	610087
Gene Ontology	Hyperlink
Gene Summary	Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor. Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing (Miranda et al. , 2004 [PubMed 15044439]).[supplied by OMIM]
Other Designations	protein arginine N-methyltransferase 7