

PRMT7 (Human) Recombinant Protein (P01)

Catalog # : H00054496-P01

規格 : [10 ug] [25 ug]

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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: MKIFCSRANPTTGSVEWLEEDEHYDYHQEIARSSYADMLHDKDRNVKYY QGIRAAVSRVKDRGQKALVLDIGTGTGLLSMMAVTAGADFCYAIEVFKP MADA AVKIVEKNGFSDKIKVINKHSTEVTVGPEGDMPCRANILVTELFDE LIGEGALPSYEHHRHLVEENCEAVPHRATVYAQLVESGRMMVSWNKLFP IHVQTSLGEQVIVPPVDVESC PGAPSVCDIQLNQVSPADFTVLSVDLPMF SIDFSKQVSSAACHSRRFEPLTSGRAQVLSWWDIEMDPEGKIKCTMA PFWAHS DPPEEMQWRDHWMQCVYFLPQEPPVVGGSALYLVAHHDDYCV WYSLQRTSPEKNERVRQMRPVCDCAHLLWNRPRFGEINDQDRD DRY VQALRTVLPKDSVCLCVSDGSLLSVLAHHLGVEQVFTVESSAASHKLLR KIFKANHLEDKINIEKRPELLTNE DLQGRKVSLLLGEPFFTTSLLPWHNLY FWYVRTAVDQHLGPGAMVMPQAASLHVVVEFRDLWRIRSPCGDCEG FDVHIMDDMIKRALDFRESREAEPHPLWEYPCRS LSEPWQILTFDFQQP VPLQPLCAEGTVELRRPGQSHA AVLWMEYHLTPECTLSTGLLEPADPE GGCCWNPCHCKQAVYFFSPAPDPRALLGGPRTVSYAVEFH PPTGDIIMEF RHADTPD

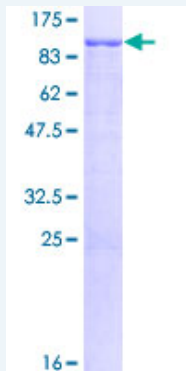
Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 104.9

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.

MSDS:  [Download](#)

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Datasheet:  [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Gene Information

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

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