

## PRMT7 (Human) Recombinant Protein (Q01)

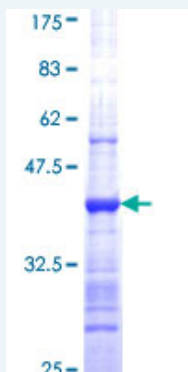
Catalog # : H00054496-Q01

規格 : [ 10 ug ] [ 25 ug ]

[List All](#)

### Specification

|                                 |   |
|---------------------------------|---|
| <b>Product Description:</b>     | Human PRMT7 partial ORF ( NP_061896, 88 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.                |
| <b>Sequence:</b>                | DFCYAIEVFKPMADA AVKIVEKNGFSDKIKVINKHSTEVTVGPEGDMP<br>CRA NILVTELFDTLIGEGALPSYEHAHRHLVEENCEAVPHRATVYAQLVESGR<br>MWSWNKLF |
| <b>Host:</b>                    | Wheat Germ (in vitro)   |
| <b>Theoretical MW (kDa):</b>    | 37.84   |
| <b>Preparation Method:</b>      | <i>in vitro</i> wheat germ expression system  |
| <b>Purification:</b>            | Glutathione Sepharose 4 Fast Flow   |
| <b>Quality Control Testing:</b> | 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](#)

**Datasheet:** [Download](#)

### Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

### Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

## Protein Array

### Gene Information

Entrez GeneID: [54496](#)

GeneBank  
Accession#: [NM\\_019023](#)

Protein  
Accession#: [NP\\_061896](#)

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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