

Recombinant Human CARM1 Protein, GST-Tagged

Cat. No. CARM1-0402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CARM1 partial ORF (NP_954592, 284 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 specifically on histones and other chromatin-associated proteins and is involved in regulation of gene expression. The enzyme may act in association with other proteins or within multi-protein complexes and may play a role in cell type-specific functions and cell lineage specification. A related pseudogene is located on chromosome 9. [provided by RefSeq, Aug 2013]
Molecular Mass	36.52 kDa
AA Sequence	NMFPTIGDVHLAPFTDEQLYMEQFTKANFWYQPSFHGVDSLALRGAADVDEYFRQPV VDTFDIRILMAKSVKYTVNFLEAKEGDLHRIEIPFKFHMLHS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CARM1 coactivator-associated arginine methyltransferase 1 [Homo sapiens]

Official Symbol CARM1

Synonyms CARM1; coactivator-associated arginine methyltransferase 1; histone-arginine methyltransferase CARM1; PRMT4; protein arginine N-methyltransferase 4;

Gene ID 10498

mRNA Refseq NM_199141

Protein Refseq NP_954592

MIM 603934

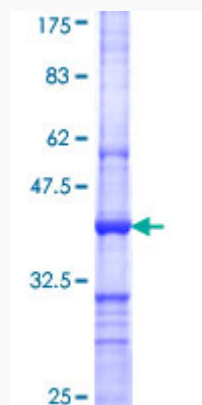
UniProt ID Q86X55

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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