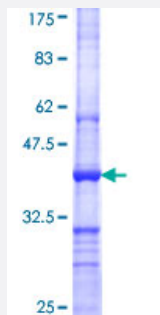


CARM1 (Human) Recombinant Protein (Q01)

Catalog # H00010498-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CARM1 partial ORF (NP_954592, 284 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NMFPTIGDVHLAPFTDEQLYMEQFTKANFWYQPSFHGVDLSALRGAAVDEYFRQPVVDTFDIRIL MAKSVKYTVNFLEAKEGDLHRIEIPFKFHMLHS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
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 — CARM1

Entrez GeneID [10498](#)

GeneBank Accession# [NM_199141](#)

Protein Accession# [NP_954592](#)

Gene Name CARM1

Gene Alias PRMT4

Gene Description coactivator-associated arginine methyltransferase 1

Omim ID [603934](#)

Gene Ontology [Hyperlink](#)

Gene Summary Protein arginine N-methyltransferases, such as CARM1, catalyze the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine methylation has been implicated in signal transduction, metabolism of nascent pre-RNA, and transcriptional activation (Frankel et al., 2002 [PubMed 11724789]).[supplied by OMIM]

Other Designations coactivator-associated arginine methyltransferase-1|protein arginine N-methyltransferase 4

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Spinal Dysraphism](#)