

Recombinant Human CARM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CARM1-4776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CARM1 MS Standard C13 and N15-labeled recombinant protein (NP_954592) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	65.7 kDa
AA Sequence	MAAAAAVGPAGGAGSAVPGGAGPCATVSVFPGARLLTIGDANGEIQRHAEQQA LRLEVRAGPDSAGIALYSHEDVCVFKCSVSRETECSRVGKQSFITLGCNSVLIQFAT PNDFCSFYNILKTCRGHTLERSVFSERTEESSAVQYFQFYGYLSQQQNMMDYVRT GTYQRAILQNHTDFKDKIVLDVXLWLWDPVVFRCRPSWSTENLRGXRPAWPSTXEV LVKSNNLTDRIVVIPGKVXGXCPXXQVDIIXLGAHGLHALQRXACWRATSTPXKYL KPSGNMFPTIGDVHLAPFTDEQLYMEQFTKANFWYQPSFHGVDLSALRGAADVDEYF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RQPVVDTFDIRILMAKSVKYTVNFLEAKEGDLHRIEIPFKFHLHSGLVHGLAFWFDV
AFIGSIMTVWLSTAPTEPLTHWYQVRCLFQSPLFAKAGDTLSGTCLLIANKRQSYDISI
VAQVDQTGSKSSNLLDLKNPFFRYTGTTSPPPGSHYTSPSENMWNTGSTYNLSS
GMAVAGMPTAYDLSSVIASGSSVGHNNLIPLANTGIVNHTHSRMGSIMSTGIVQGSS
GAQGSGGGSTSAHYAVNSQFTMGGPAISMASPMSIPTNTMHYGSTRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

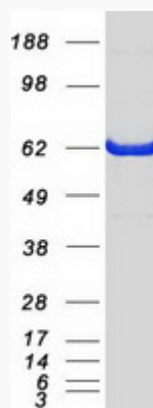
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_954592

MIM 603934

UniProt ID Q86X55

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA