Recombinant Human CARM1 Protein, GST-tagged

Cat. No. CARM1-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARM1 protein, fused with N-terminal GST-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-608
Form	50 mM HEPES/NaOH, pH 7.1, 180 mM NaCl, 2 mM DTT, 10% (v/v) glycerol.
Molecular Mass	91.7 kDa
Purity	>90% by SDS-PAGE
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	CARM1 coactivator-associated arginine methyltransferase 1 [Homo sapiens]
Official Symbol	CARM1
Synonyms	CARM1; coactivator-associated arginine methyltransferase 1; histone-arginine

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

	methyltransferase CARM1; PRMT4; protein arginine N-methyltransferase 4;
Gene ID	10498
mRNA Refseq	NM_199141
Protein Refseq	NP_954592
MIM	603934
UniProt ID	Q86X55
Chromosome Location	19p13.2
Pathway	BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-
Function	beta-catenin binding; histone acetyl-lysine binding; histone methyltransferase activity; histone methyltransferase activity (H3-R17 specific); ligand-dependent nuclear receptor transcription coactivator activity; protein homodimerization activity; protein

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