

Product Data Sheet

Recombinant Human PRMT1 Protein

Catalog # Source Reactivity Applications

CRP2160 E. coli Human E, WB, SDS-PAGE, MS

Description Recombinant Human PRMT1 Protein is produced by our E. coli expression system

and the target gene encoding Met1-Arg343 is expressed with a 6His tag at the

N-terminus.

Form Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol PRMT1

Alternative Names HMT2; HRMT1L2; IR1B4; Protein arginine N-methyltransferase 1; Histone-arginine

N-methyltransferase PRMT1; Interferon receptor 1-bound protein 4

Entrez Gene 3276 (Human)

SwissProt Q99873 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MGSSHHHHHH SSGLVPRGSH MEVSCGQAES SEKPNAEDMT SKDYYFDSYA

HFGIHEEMLK DEVRTLTYRN SMFHNRHLFK DKVVLDVGSG TGILCMFAAK AGARKVIGIE

CSSISDYAVK IVKANKLDHV VTIIKGKVEE VELPVEKVDI IISEWMGYCL FYESMLNTVL

YARDKWLAPD GLIFPDRATL YVTAIEDRQY KDYKIHWWEN VYGFDMSCIK DVAIKEPLVD

VVDPKQLVTN ACLIKEVDIY TVKVEDLTFT SPFCLQVKRN DYVHALVAYF NIEFTRCHKR

TGFSTSPESP YTHWKQTVFY MEDYLTVKTG EEIFGTIGMR PNAKNNRDLD FTIDLDFKGQ

LCELSCSTDY RM

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. It is recommended that the protein be

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

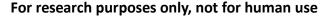
Storage/Stability Store it at -20°C to -80°C for one year.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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