

Recombinant Human PRMT8 Protein, GST-tagged

Cat. No. PRMT8-5043H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HRMT1L4 partial ORF (NP_062828, 235 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]).[supplied by OMIM
Molecular Mass	36.74 kDa
AA Sequence	CLQIQRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRRG EEIYGTISMKPNNAKNVRDLDFTVDLDFKGQLCETSVSNDYKMR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

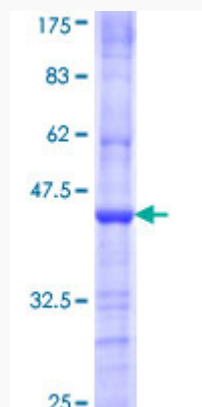
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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -8 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	PRMT8 protein arginine methyltransferase 8 [Homo sapiens]
Official Symbol	PRMT8
Synonyms	PRMT8; protein arginine methyltransferase 8; HMT1 hnRNP methyltransferase like 3 (S. cerevisiae) , HMT1 hnRNP methyltransferase like 4 (S. cerevisiae) , HRMT1L3, HRMT1L4; protein arginine N-methyltransferase 8; HMT1 hnRNP methyltransferase-like 3; protein arginine N-methyltransferase 4; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4; HRMT1L3; HRMT1L4;
Gene ID	56341
mRNA Refseq	NM_001256536
Protein Refseq	NP_001243465
MIM	610086
UniProt ID	Q9NR22

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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