

Recombinant Human PRDM7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRDM7-5472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRDM7 MS Standard C13 and N15-labeled recombinant protein (NP_443722) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a family of proteins that may have roles in transcription and other nuclear processes. The encoded protein contains a KRAB (Kruppel-associated box) domain -A box and a SET (Su(var)3-9, Enhancer-of-zeste, Trithorax) domain and may function as a histone methyltransferase.
Molecular Mass	18.4 kDa
AA Sequence	MCQNFFIDSCAAHGPPTFVKDSAVDKGHPNRSALSLPPGLRIGPSGIPQAGLGVWN EASDLPLGLHFGPYEGRITDEEEAANSYGYSWLITKGRNCYEYVDGKDKSSANWMRT KARDPSMSLMLSGLFKSKISQSTCGTQSLLSELPRRTICKKTSPTRESLPRGSESGAAI FTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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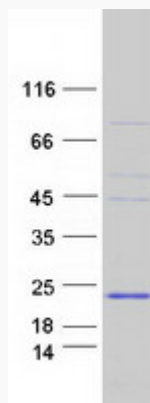
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PRDM7 PR/SET domain 7 [Homo sapiens (human)]
Official Symbol	PRDM7
Synonyms	PRDM7; PR/SET domain 7; PFM4; ZNF910; probable histone-lysine N-methyltransferase PRDM7; PR domain 7; PR domain containing 7; PR domain zinc finger protein 7; PR-domain family protein 4; EC 2.1.1.43
Gene ID	11105
mRNA Refseq	NM_052996
Protein Refseq	NP_443722
MIM	609759
UniProt ID	Q9NQW5

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SDS-PAGE



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