

Recombinant Human PRDM10, FLAG-tagged

Cat. No. PRDM10-65H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM10 (accession number NP_064613.2) was expressed in Sf9 cells and contains an N-terminal FLAG tag with an observed molecular weight of 134 kDa.
Species	Human
Source	Sf9 Cells
Description	PRDM10 (PR Domain Containing 10) is a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. PRDM10 is a transcription factor that contains C2H2-type zinc-fingers and that possesses histone methyltransferase activity. PRDM10 also contains a positive regulatory domain which has been found in several other zinc-finger transcription factors including those involved in B cell differentiation and tumor suppression. Studies of the mouse counterpart suggest that this protein may be involved in the development of the central nerve system (CNS), as well as in the pathogenesis of neuronal storage disease. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.
Form	25 mM HEPES, pH 7.5, 150 mM NaCl and 5% glycerol.
Applications	Enzyme kinetics, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice

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when not in storage.

Concentration 0.4 mg/ml

GENE INFORMATION

Gene Name PRDM10 PR domain containing 10 [Homo sapiens]

Official Symbol PRDM10

Synonyms PRDM10; PR domain containing 10; PR domain zinc finger protein 10; KIAA1231; MGC131802; PFM7; PR domain family member 7; PRDM zinc finger transcription factor; tristanin; PR-domain family member 7; PR domain-containing protein 10;

Gene ID 56980

mRNA Refseq NM_020228

Protein Refseq NP_064613

UniProt ID Q9NQV6

Chromosome Location 11q25

Function DNA binding; metal ion binding; zinc ion binding;

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