

Recombinant Human PRDM12 Protein, MYC/DDK-tagged

Cat. No. PRDM12-2914H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM12 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a transcriptional regulator of sensory neuronal specification that plays a critical role in pain perception. The encoded protein contains an N-terminal PRDI-BF1 and RIZ homology (PR) domain, a SET domain, and three C-terminal C2H2 zinc finger DNA-binding domains. Naturally occurring mutations in this gene are associated with congenital insensitivity to pain (CIP), and hereditary sensory and autonomic neuropathies (HSAN's) affecting peripheral sensory and autonomic neurons. Deregulation of this gene is associated with solid cancers and hematological malignancies including chronic myeloid leukaemia.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PRDM12 PR domain containing 12 [Homo sapiens]
Official Symbol	PRDM12
Synonyms	HSAN8; PFM9
Gene ID	59335
mRNA Refseq	NM_021619
Protein Refseq	NP_067632
UniProt ID	Q9H4Q4

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