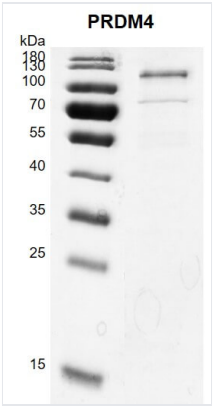
PRDM4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	PRDM4, Recombinant Protein
Full Product Name	Recombinant PRDM4 protein
Product Gene Name	PRDM4 recombinant protein
Product Synonym Names	PR/SET Domain 4
Host	Baculovirus
Form/Format	Recombinant PRDM4 protein is supplied in 25 mM HEPES-NaOH pH 7.5, 300 mM NaCl, 10% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Purity/Purification	>=70%
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Protein Species	Human
Protein Details	Recombinant PRDM4 protein was expressed in baculovirus expression system as the full length protein (accession number NP_036538.3) with a N-terminal DYKDDDDK tag. The molecular weight of the protein is 89.2 kDa.
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for PRDM4 recombinant protein	Transcription; Recombinant Proteins
Application Notes for PRDM4 recombinant protein	This product was manufactured as described in Protein Details. Where possible, lab has developed functional or activity assays for recombinant proteins. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data for a given product is shown on the lot-specific Technical Data Sheet.
Related Product Information for PRDM4 recombinant protein	PRDM4 (PR/SET Domain 4) is a transcription factor of the PR-domain protein family. It contains a PRdomain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. PRDM4 recruits the chromatin modifier PRMT5, an arginine methyltransferase that catalyzes symmetric dimethylation of histone H4 arginine 3 (H4R3me2s) to exerts histone methyltransferase activity. An elevated expression level of this gene has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). Diseases associated with PRDM4 include Pseudo-Von Willebrand Disease and Porokeratosis.
Other Notes	Small volumes of PRDM4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PRDM4 purchase	MBS389553 is a recombinant protein targeting PRDM4. Also known as Recombinant PRDM4 protein. Host: Baculovirus.



SDS-Page of PRDM4 recombinant protein
Recombinant PRDM4 protein 10% SDS-PAGE Coomassie staining MW: 89.2 kDa Purity: >= 70%

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRDM4. It may not necessarily be applicable to this product.

Protein Family	PR domain zinc finger protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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