

Product datasheet for PH314678

PRDM7 (NM_052996) Human Mass Spec Standard

Product data:

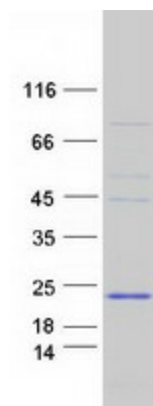
Product Type:	Mass Spec Standards
Description:	PRDM7 MS Standard C13 and N15-labeled recombinant protein (NP_443722)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214678
Predicted MW:	18.4 kDa
Protein Sequence:	<p>>RC214678 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MCQNFFIDSCAAHGPPTFVKDSAVDKGHPNRSALSLPPGLRIGPSGIPQAGLGWNEASDLPLGLHFGPY EGRITDEEEAANSYGSLITKGRNCYEYVDGKDKSSANWMRTKARDPSMSLMLSGLFKSKISQSTCGTQS LLSLPRTICKKTSPTRESLPRGESGAAIF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_443722</u>
RefSeq Size:	2504
RefSeq ORF:	513
Synonyms:	PFM4; ZNF910
Locus ID:	11105
UniProt ID:	<u>Q9NQW5</u>


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Cytogenetics: 16q24.3

Summary: 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. [provided by RefSeq, Aug 2013]

Product images:



Coomassie blue staining of purified PRDM7 protein (Cat# [TP314678]). The protein was produced from HEK293T cells transfected with PRDM7 cDNA clone (Cat# [RC214678]) using MegaTran 2.0 (Cat# [TT210002]).