

Product datasheet for **TP314678L**

PRDM7 (NM_052996) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human PR domain containing 7 (PRDM7), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC214678 protein sequence Red =Cloning site Green =Tags(s) |
| | MCQNFFIDSCAAHGPPFTVKDSAVDKGHPNRSALSLPPGLRIGPSGIPQAGLGWNEASDLPLGLHFGPY EGRITDEEAANSYGYSWLITKGRNCYEYVDGKDKSSANWMRTKARDPSMSLMLSGLFKSKISQSTCGTQS LLELPRTICKKTSPTRESLPRGSESGAIF |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 18.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_443722</u> |
| Locus ID: | 11105 |
| UniProt ID: | <u>Q9NQW5</u> |
| RefSeq Size: | 2504 |



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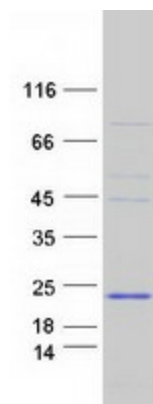
Cytogenetics: 16q24.3

RefSeq ORF: 513

Synonyms: PFM4; ZNF910

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]).