

Datasheet for ABIN7555062

PRDM15 Protein (AA 1-1507) (His tag)



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Overview

Quantity:	1 mg
Target:	PRDM15
Protein Characteristics:	AA 1-1507
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM15 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRDM15 Protein expressed in mammalian cells.
Sequence:	MPRRRPPASG AAQFPERIAT RSPDPIPLCT FQRQPRAAPV QPPCRLFFVT FAGCGHRWRS ESKPGWISRS RSGIALRAAR PPGSSPPRPA APRPPPPGGV VAEAPGDVVI PRPRVQPMRV ARGGPWTPNP AFREAESWSQ IGNQRVSEQL LETSLGNEVS DTEPLSPASA GLRRNPALPP GPFAQNFSWG NQENLPPALG KIANGGGTGA GKAECGYETE SHLLEPHEIP LNVNTHKFSD CEFPYEFCTV CFSPFKLLGM SGVEGVWNQH SRSASMHTFL NHSATGIREA GCRKDMPVSE MAEDGSEEIM FIWCEDCSQY HDSECELPGLP VVMVKDSFVL SRARSWPASG HVHTQAGQGM RGYEDRDRAD PQQLP EAVPA GLVRRLSGQQ LPCRSTLTWG RLCHLVAQGR SSLPPNLEIR RLEDGAEGVF AITQLVKRTQ FGPFESRRVA KWEKESAFPL KVFQKDGHPV CFDTSNEDDC NWMMLVRPAA EAEHQNL TAY QHGSDVYFTT SRDIPPGTEL RVWYAAFYAK KMDKPMKQA GSGVHAAGTP ENSAPVESEP SQWACKVCSA TFLELQLLNE HLLGHLEQAK SLPPGSQSEA AAPEKEQDTP RGEPPAVPES ENVATKEQKK KPRRGRKPKV SKAEQPLVIV EDKEPTEQVA EITEVPPDE PVSATPDERI MELVLGKLAT TTTDTSSVPK FTHHQNTIT LKRSLILSSR

HGIRRKLIKQ LGEHKRVYQC NICKSKIFQNS SNLSRHVRSH GDKLFKCEEC AKLFSRKESL
KQHVSYKHSR NEVDGEYRYS CGTCEKTFRI ESALEFHNCR TDDKTFQCEM CFRFFSTNSN
LSKHKKKHGD KKFACEVCSK MFYRKDVMLD HQRRHLEGVR RVKREDLEAG GENLVRYKKE
PSGCPVCGKV FSCRSNMNKH LLTHGDKKYT CEICGRKFFR VDVLRDHIHV HFKDIALMDD
HQREEFIGKI GISSEENDDN SDESADSEPH KYSCKRCQLT FGRGKEYLKH IMEVHKEKGY
GCSICNRRFA LKATYHAHMY IHRENLPDPN VQKYIHPCEI CGRIFNSIGN LERHKLIHTG
VKSHACEQCG KSFARKDMLK EHMVRVDNVR EYLCAECGKG MKTKHALRHH MKLHKGIKEY
ECKECHRRFA QKVNMLKHCK RHTGIKDFMC ELCGKTFSER NTMETHKLIH TVGKQWTCVS
CDKKYVTEYM LQKHVQLTHD KVEAQSCQLC GTKVSTRASM SRHMRRKHPE VLAVRIDDL
HLPETTTIDA SSIGIVQPEL TLEQEDLAEG KHGKAAKRSH KRKQKPPEEEA GAPVPEDATF
SEYSEKETEF TGSVGDETNS AVQSIQVVV TLGDPNVVTP SSSVGLTNIT VTPITTAAT
QFTNLQPVAV GHLTTPERQL QLDNSILTVT FDTVSGSAML HNRQNDVQIH PQPEASNPQS
VAHFINTLTL VNSITPLGSQ LSDQHPLTWR AVPQTDVLP SPPQAPPQA AQPQVQAEQQ
QQQMYSY **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PRDM15
Alternative Name:	PRDM15 (PRDM15 Products)
Background:	PR domain zinc finger protein 15 (EC 2.1.1.-) (PR domain-containing protein 15) (Zinc finger protein 298),FUNCTION: Sequence-specific DNA-binding transcriptional regulator. Plays a role as a molecular node in a transcriptional network regulating embryonic development and cell fate decision. Stimulates the expression of upstream key transcriptional activators and repressors of the Wnt/beta-catenin and MAPK/ERK pathways, respectively, that are essential for naive pluripotency and self-renewal maintenance of embryonic stem cells (ESCs). Specifically promotes SPRY1 and RSPO1 transcription activation through recognition and direct binding of a specific DNA sequence in their promoter regions. Involved in early embryo development (By similarity). Also plays a role in induced pluripotent stem cells (iPSCs) reprogramming (PubMed:28740264). {ECO:0000250 UniProtKB:E9Q8T2, ECO:0000269 PubMed:28740264}.
Molecular Weight:	169.3 kDa
UniProt:	P57071

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months