

Datasheet for ABIN7562121
PRDM13 Protein (AA 1-754) (His tag)



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Overview

Quantity:	1 mg
Target:	PRDM13
Protein Characteristics:	AA 1-754
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRDM13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Prdm13 Protein expressed in mammalian cells.
Sequence:	<pre>MPAHVTPRTE DARRGAGPSS ACGCSWFCHL RPVEDPASPS VCLAAVATMH GTSRTSATSV NADCCIPAGL RLGPVPGTFK LGKYLSDRRE PGPKKKVRMV RGELVDESGG SPLEWIGLIR AARNPQEQTL EAIADLPGGQ IFYRALRDVQ PGEELTVWYS NSLAQWFDIP TTATPTHDEK GEERYICWYC WRTFRYPNSL KAHLRFHCVL SGGGGRAFLP QEHAARPGAS PVAEGLGLPP KPTVPDLTAP VQAIALRPQA PAAQLAQACG ARESIKREAS LAPLATSPPP GKWGTPKKGK EQPDRAHSQF LGIVGGSSGG GGGLPFYPGV RSAFKPAGLA RAAAQSDPYR EEGGKGPGL ALGRLLGGGR AGGRPGSGES PAGHHHHHHH AHHHHHHHPK CLLAGEPPPA GLPCPGALRA FLLAGHPEE ASAFKHVERA PPAAATTS LP SARYAALPAP GLPVERCALQ PLDGGSLKAY PGGGGGGEC S PLPAVMPAFT VYSGDLLYGP PAAYYPLKLH LGLLKYPES ISYLSGPAAA AAAAAAAAA AAAIGPAELG SLASIDREIA MHTQQLSEMA AGKSRARLDS GTLPPAVVAA TGPGGGGGG SAAGKPKTGH LCLYCGKLYS RKYGLKIHMR THTGYKPLKC KVCLRPFGDP SNLNKHIRLH AEGNTPYRCE FCGKVLVRRR DLERHVKS RH PGQSLMAKAG DGP GPEPSYA</pre>

Product Details

LEPGDPKSED SDVDVCFTDD QSDPEAGGRG EHDS **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: PRDM13

Alternative Name: Prdm13 ([PRDM13 Products](#))

Background: PR domain zinc finger protein 13 (EC 2.1.1.-) (PR domain-containing protein 13),FUNCTION: May be involved in transcriptional regulation. Is required for the differentiation of Kiss1-expressing neurons in the arcuate (Arc) nucleus of the hypothalamus. Is a critical regulator of GABAergic cell fate in the cerebellum, required for normal postnatal cerebellar development (PubMed:34730112). {ECO:0000250, ECO:0000269|PubMed:34730112}.

Molecular Weight: 78.7 kDa

Target Details

UniProt: [E9PZZ1](#)

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