

Datasheet for ABIN7564419

Polybromo 1 Protein (PBRM1) (AA 1-1634) (His tag)



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Overview

Quantity:	1 mg
Target:	Polybromo 1 (PBRM1)
Protein Characteristics:	AA 1-1634
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Polybromo 1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pbrm1 Protein expressed in mammalian cells.
Sequence:	MGSKRRRATS PSSSVSGDFD DGHHSVPTPG PSRKRRRLSN LPTVDPIAVC HELYNTIRDY KDEQGRLLCE LFIRAPKRRN QPDYEVVSQ PIDLMKIQK LKMEEYDDVN LLTADFQLLF NNAKAYYKPD SPEYKAACKL WDLYLRTNE FVQKGEADDE DDEDGQDNQ GTLADGSSPG YLKEILEQLL EAIVVATNPS GRLISELFQK LPSKVQYPDY YAIKEPIDL KTIAQRIQNG SYKSIHAMAK DIDLLAKNAK TYNEPGSQVF KDANSIKKIF YMKKAEIEHH EMTKSSLRIR TASNLAARL TGPSHNKSSL GEERNPTSKY YRNKRAVQGG RLSAITMALQ YGSESEEDAA LAAARYEEGE SEAESITSFM DVSNPFHQLY DTVRSCRNHQ GQLIAEPFFH LPSKKKYPDY YQIKMPISL QQIRTKLKNQ EYETLDHLEC DLNLMFENAK RYNVPNSAIY KRVLKLQQVM QAKKKELARR DDIEDGDSMI SSATSDTGSA KRKSKKNIRK QRMKILFNVV LEAREPGSGR RLCDFLMVKP SKKDYPDYK IILEPMDLKI IEHNIRNDKY AGEEGMMEDM KLMFRNARHY NEEGSQVYND AHILEKLLKD KRKELGPLPD DDDMASPKLK LSRKSGVSPK KSKYMTMPMQQ KLNEVYEAVK NYTDKRGRRRL SAIFLRLPSR SELPDYYLTI KKPMDMEKIR SHMMANKYQD IDSMVEDFVM

MFNNACTYNE PESLIYKDAL VLHKVLETR RDLEGDEDSH VPNTVLLIQE LIHNLFVSVM
SHQDDEGRCY SDSLAEIPAV DPNSPNKPPL TFDIIRKNVE SNRYRRDLDF QEHEMFEVLER
ARRMNRTDSE IYEDAVELQQ FFIRIRDELK KNGEILLSPA LSYTTKHLHN DVEKEKKEKL
PKEIEEDKLK REEEKREA EK SEDSSGTTGL SGLHRTYSQD CSFKNSMYHV GDYVYVEPAE
ANLQPHIVCI ERLWEDSAGE KWLYGCWFYR PNETFHLATR KFLEKEVFKS DYYNKVPVSK
ILGKCVVMFV KEYFKLCPEN FRDEDVFVCE SRYSAKTKSF KKIKLWTMPI SSVRFVPRDV
PLPVVRVASV FANADKGDDE KNTDNSDDNR AEDNFNLEKE KEDVPVEMSN GEPGCHYFEQ
LRYNDMWLVK GDCVFIKSHG LVRPRVGRIE KVVWRDGAAY FYGPIFIHPE ETEHEPTKMF
YKKEVFLSNL EETCPMSCIL GKCAVLSFKD FLSCRPTIEP ENDILLCESR YNESDKQMKK
FKGLKRFSLS AKVVDDEIYY FRKPIIPQKE PSLLEKKIQ LLEAKFAELE GGDDDIEMG
EEDSEVIEAP SLPQLQTPLA NELDLMPYTP PQSTPKSAKG SAKKESSKRK INMSGYILFS
SEMRAVIKAQ HPDYSFGELS RLVGTEWRNL ETAKKAEYEG MMGGYPPGLP PLQGPVDGLV
SMGSMQPLHP GGPPPHHLPP GVPGLPGIPP PGVMNQGVAP MVGTPAPGGS PYGQQVGVLG
PPGQQAPPPY PGPHPAGPPV IQPTTPMFV APPPKTQRL HSEAYLKYIE GLSAESNSIS
KWDQTLAARR RDVHLSKEQE SRLPSHWLKS KGAHTTMADA LWRLRDLMLR DTLNIRQAYN
LENV **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.

Product Details

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Polybromo 1 (PBRM1)
Alternative Name:	Pbrm1 (PBRM1 Products)
Background:	Protein polybromo-1 (BRG1-associated factor 180) (BAF180),FUNCTION: Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Required for the stability of the SWI/SNF chromatin remodeling complex SWI/SNF-B (PBAF). Acts as a negative regulator of cell proliferation. {ECO:0000250 UniProtKB:Q86U86, ECO:0000303 PubMed:22952240, ECO:0000303 PubMed:26601204}.
Molecular Weight:	187.2 kDa
UniProt:	Q8BSQ9

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