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Datasheet for ABIN7554490

MYBBP1A Protein (AA 1-1328) (His tag)

Overview

Quantity:	1 mg
Target:	MYBBP1A
Protein Characteristics:	AA 1-1328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYBBP1A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MYBBP1A Protein expressed in mammalian cells.
Sequence:	MESRDPAQPM SPGEATQSGA RPADRYGLLK HSREFLDFFW DIAKPEQETR LAATEKLLEY LRGRPKGSEM KYALKRLITG LGVGRETARP CYSLALAQLL QSFEDLPLCS ILQQIQEKYD LHQVKKAMLR PALFANLFGV LALFQSGRLV KDQEALMKSV KLLQALAQYQ NHLQEQRKA LVDILSEVSK ATLQEILPEV LKADLNIILS SPEQLELFL AQQKVPSKLL KLVGSVNLFS DENPRLVNV LKMAASSVKK DRKLPALALD LLRLALKEDK FPRFWKEVVE QGLLKMQFWP ASYLCFRLLG AALPLLKEQ LHLVMQGDVI RHYGEHVCTA KLPKQKFAP EMDDYVGTF EGCQDDPERQ LAVLVAFSSV TNQGLPVTPT FWRVVRFLSP PALQGYVAWL RAMFLQPDLD SLVDFSTNNQ KKAQDSSLHM PERAVFRLRK WIIFRLVSIV DSLHLEMEEA LTEQVARFCL FHSFFVTKKP TSQIPETKHP FSFPLENQAR EAVSSAFFSL LQTLSTQFKQ APGQTQGGQP WTYHLVQFAD LLLNHSNVT TVTPFTAQQR QAWDRMLQTL KELEAHSAEA RAAAFQHLLL LVGIHLLKSP AESCDLLGDI QTCIRKSLGE KPRRSRTKTI DPQEPPWVEV LVEILLALLA QPSHLMRQVA RSVFGHICSH LTPRALQLIL DVLNPETSED ENDRVVVTDD SDERRLLKGAE

DKSEEGEDNR SSESEEESEG EEESEEEERDG DVDQGFREQL MTVLQAGKAL GGEDSENEEE
LGDEAMMALD QSLASLFAEQ KLRIQARRDE KNKLQKEKAL RRDFQIRVLD LVEVLVTKQP
ENALVLELLE PLLSIIRSL RSSSSKQEQD LLHKTARIFT HHLCRARRYC HDLGERAGAL
HAQVERLVQQ AGRQPDSPTA LYHFNASLYL LRVLKGNTAE GCVHETQEQK KAGTDP SHMP
TGPQAASCLD LNLVTRVYST ALSSFLTKRN SPLTVPMFLS LFSRHPVLCQ SLLPILVQHI
TGPVPRRHA CLLLQKTL SM REVRSCFEDP EWKQLMGQVL AKVTENLRVL GEAQTKAQHQ
QALSSLELLN VLFRTCKHEK LTLDLTVLLG VLQGGQQSLQ QGAHSTGSSR LHDLYWQAMK
TLGVQRPKLE KKDAKEIPSA TQSPISKKRK KKGFLPETKK RKKRKS EDGT PAEDGTPAAT
GGSQPPSMGR KKRNRKAKV PAQANGTPTT KSPAPGAPTR SPSTPAKSPK LQKKNQKPSQ
VNGAPGSPT E PAGQKQHQA LPKKGVLGKS PLSALARKKA RL SLVIRSPS LLQSGAKKKA
QVRKAGKP **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:	MYBBP1A
Alternative Name:	MYBBP1A (MYBBP1A Products)
Background:	Myb-binding protein 1A,FUNCTION: May activate or repress transcription via interactions with sequence specific DNA-binding proteins (By similarity). Repression may be mediated at least in part by histone deacetylase activity (HDAC activity) (By similarity). Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2 (By similarity). Preferentially binds to dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter (By similarity). Has a role in rRNA biogenesis together with PWP1 (PubMed:29065309). {ECO:0000250 UniProtKB:Q7TPV4, ECO:0000269 PubMed:29065309}.
Molecular Weight:	148.9 kDa
UniProt:	Q9BQG0

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