

Datasheet for ABIN7562174
GTPBP1 Protein (AA 1-668) (His tag)



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Overview

Quantity:	1 mg
Target:	GTPBP1
Protein Characteristics:	AA 1-668
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTPBP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Gtpbp1 Protein expressed in mammalian cells.
Sequence:	MAAERSRSPV DSPVPASMFA PEPSSPGAAR AAAAAARLHG GFSDCSSEEDG EALNGEPELD LTSKLVLVSP TSEQYDSSLR QMWERMDEGC GETIYVIGQG SDGTEYGLSE ADMEASYATV KSMAEQIEAD VILLRERQEA GGRVRDYLRV KRVGDNDFLE VRVAVVGNVD AGKSTLLGVL THGELDNGRG FARQKLFRRHK HEIESGRTSS VGNDILGFDS EGNVVNKPDS HGGSLWTKI CEKSSKVITF IDLAGHEKYL KTTVFGMTGH LPDFCMLMVG SNAGIVGMTK EHLGLALALN VPVFVVVTKI DMCPANILQE TLKLLQRLK SPGCRKIPVL VQSKDDVIVT ASNFSSERMC PIFQISNVTG ENLDLLKMFL NLLSPRTSYR EEEPAEFQID DTYSVPGVGT VVSGTTLRGL IKLNDTLLL PDPLGNFLSI AVKSIHRKRM PVKEVRGGQT ASFALKKIKR SSIRKGMVMV SPRLNPQASW EFEAEILVLH HPTTISPRYQ AMVHCGSIRQ TATILSMDKD CLRTGDKATV HFRFIKTPEY LHIDQRLVFR EGRTKAVGTI TKLLQTTNNS PMNSKPQIQ MQSTKKGPLS KREEGGPCGV PAAGGPPTGD EASSLGTAQA ASTSGLQPQP KPSSGGRRRG GQRHKVKSGA CVTPASGC Sequence without tag. The proposed Purification-Tag is based on experiences

Product Details

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: GTPBP1

Alternative Name: Gtpbp1 ([GTPBP1 Products](#))

Background: GTP-binding protein 1 (G-protein 1) (GP-1) (GP1),FUNCTION: Promotes degradation of target mRNA species. Plays a role in the regulation of circadian mRNA stability. Binds GTP and has GTPase activity (By similarity). {ECO:0000250}.

Molecular Weight: 72.3 kDa

UniProt: [O08582](#)

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
