

Datasheet for ABIN7547888
GBP4 Protein (AA 1-640) (His tag)



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Overview

Quantity:	1 mg
Target:	GBP4
Protein Characteristics:	AA 1-640
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GBP4 Protein expressed in mammalian cells.
Sequence:	<p>MGERTLHAAV PTPGYPESES IMMAPICLVE NQEEQLTVNS KALEILDKIS QPVVVVAIVG LYRTGKSYLM NRLAGKRNGF PLGSTVQSET KGIWMWCVPH LSKPNHTLV LLDTEGLGDVE KSNPKND SWI FALAVLLSSS FVYNSVSTIN HQALEQLHYV TELAELIRAK SCPRPDEAED SSEFASFFPD FIWTVRDFTL ELKLDGNPIT EDEYLENALK LIPGKNPKIQ NSNMPRECIR HFFRKRKCFV FDRPTNDKQY LNHMDEVPEE NLERHFLMQS DNFC SYIFTH AKTKTLREGI IVTGKRLGTL VVTYVDAINS GAVPCLEN AV TALAQL ENPA AVQRAADHYS QQMAQQLRLP TDTLQELL DV HAACEREAIA VFMEHSFKDE NHEFQKKLVD TIEKKKGDFV LQNEEASAKY CQAE LKRLSE HLTESILRGI FSVPGGHNLY LEEKKQVEWD YKLVPRKG VK ANEVLQNFLQ SQVVVEESIL QSDKALTAGE KAIAAERAMK EAAEKEQELL REKQKEQQQM MEAQERSFQE YMAQMEKKLE EERENLLREH ERL LKHKLKV QEEMLKEEFQ KKSEQLNKEI NQLKEKIEST KNEQLRLLKI LDMASNIMIV TLP GASKLLG VGTKYLGSRI</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GBP4
Alternative Name:	GBP4 (GBP4 Products)
Background:	Guanylate-binding protein 4 (EC 3.6.5.-) (GTP-binding protein 4) (GBP-4) (Guanine nucleotide-binding protein 4),FUNCTION: Interferon (IFN)-inducible GTPase that plays important roles in innate immunity against a diverse range of bacterial, viral and protozoan pathogens (By similarity). Negatively regulates the antiviral response by inhibiting activation of IRF7 transcription factor (By similarity). {ECO:0000250 UniProtKB:A4UUI3}.
Molecular Weight:	73.2 kDa
UniProt:	Q96PP9

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.
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Restrictions:	For Research Use only
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Handling

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