

Datasheet for ABIN7549599

GTPBP5 Protein (AA 1-406) (His tag)



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Overview

Quantity:	1 mg
Target:	GTPBP5
Protein Characteristics:	AA 1-406
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTPBP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MTG2 Protein expressed in mammalian cells.
Sequence:	<p>MAPARCF SAR LRTVFQGVGH WALSTWAGLK PSRLLPQRAS PRLLSVGRAD LAKHQELPGK KLLSEKKLKR YFVDYRRVLV CGGNGGAGAS CFHSEPRKEF GGPDGGDGGN GGHVILRVDQ QVKSLSSVLS RYQGFSGEDG GSKNCFGRSG AVLYIRVPVG TLVKEGGRVV ADLSCVGDEY IAALGGAGGK GNRFFLANNN RAPVTCTPGQ PGQQRVLHLE LKTVAHAGMV GFPNAGKSSL LRAISNARPA VASYPFTTLK PHVGIVHYEG HLQIAVADIP GIIRGAHQNR GLGSAFLRHI ERCRFLLFVV DLSQPEPWTQ VDDLKYELEM YEKGLSARPH AIVANKIDLP EAQANLSQLR DHLGQEVIVL SALTGENLEQ LLLHLKVLYD AYAEAELGQG RQPLRW</p> <p>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.</p>
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.

Product Details

Characteristics:	<div>Key Benefits:</div> <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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	GTPBP5
Alternative Name:	MTG2 (GTPBP5 Products)
Background:	Mitochondrial ribosome-associated GTPase 2 (GTP-binding protein 5) (Protein obg homolog 1) (ObgH1),FUNCTION: Plays a role in the regulation of the mitochondrial ribosome assembly and of translational activity. Displays GTPase activity. Involved in the ribosome maturation process. {ECO:0000269 PubMed:17054726, ECO:0000269 PubMed:23396448}.
Molecular Weight:	44.0 kDa
UniProt:	Q9H4K7

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