

Datasheet for ABIN7547887

GATA2 Protein (AA 1-480) (His tag)



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Overview

Quantity:	1 mg
Target:	GATA2
Protein Characteristics:	AA 1-480
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATA2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GATA2 Protein expressed in mammalian cells.
Sequence:	<p>MEVAPEQPRW MAHPAVLNAQ HPDSHHPGLA HNYMEPAQLL PPDEVDFVN HLDSQGNPYY ANPAHARARV SYSPAARLT GGQMCRPHLL HSPGLPWLDG GKAALSAAAA HHHNPWTVSP FSKTPHPSA AGGPGGPLSV YPGAGGGSGG GSGSSVASLT PTAHSGSHL FGFPPTPPKE VSPDPSTTGA ASPASSSAGG SAARGEDKDG VKYQVSLTES MKMESGSPLR PGLATMGTQP ATHHPIPTYP SYVPAAAHDY SSGLFHPGGF LGGPASSFTP KQRSKARSCS EGRECVNCGA TATPLWRRDG TGHYLCNACG LYHKMNGQNR PLIKPKRRLS AARRAGTCCA NCQTTTTTLW RRNANGDPVC NACGLYYKLH NVNRPLTMKK EGIQTRNRKM SNKSKSKKKG AECFEELSKC MQEKSSPFSA AALAGHMAPV GHLPPFSHSG HILPTPTPIH PSSSLSGHP HPSSMVTAMG</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

Product Details

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

Target Details

Target:	GATA2
Alternative Name:	GATA2 (GATA2 Products)
Background:	Endothelial transcription factor GATA-2 (GATA-binding protein 2),FUNCTION: Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'.
Molecular Weight:	50.5 kDa
UniProt:	P23769
Pathways:	Stem Cell Maintenance

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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Application Details

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