

Datasheet for ABIN7560990

GCC1 Protein (AA 1-778) (His tag)



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Overview

Quantity:	1 mg
Target:	GCC1
Protein Characteristics:	AA 1-778
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GCC1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gcc1 Protein expressed in mammalian cells.
Sequence:	<p>MEKFGMNFSG GPSKKDLLET IETQKKQLLQ YQARLKDVVR AYKSLLKEKE ALEASIKVLS</p> <p>VSHEADVGLS GVQPPGLTFP DSVDDRCSTH SEDSTGTATS LDTAASLTSV KGEFGVEDDR</p> <p>AARGPLPPKS EEASGSESGV SSSSGDGPSA GSEMDKRVHQ LKTQLATLTS SLATVTQEKS</p> <p>RMEASYLADK KKMKQDLEDA NKAEEERGR LEGDLKVLQE QIAETKARLI TQQHDRAEQE</p> <p>SDHALMLREL QKLLQEERTQ RQDLELRLEE TREALAGRAY AADQVEGFEL QTKQLTREVE</p> <p>ELKGELQTIR DEKNRPDPRL QELQQEAARL KSHFQAQLQQ EMRKTALAED QLRQSQVEE</p> <p>QRVAALESQI SEVSELLGTY EKAKQKDQLA IQKLKERLLQ LDLENKTAL AASSRSLDI</p> <p>HGDESSLIN VLKDKMEKLL KLLQVAARKS QVTLDVEKLC DPEIMANSEA ADGEKATALY</p> <p>YQQLKQLKE EFERYKMQRAQ VVLKSKNTKD GSLGKELEAA QEQLAELKDK YISLRLSCEE</p> <p>LESQHQQEAE DWKQELARLQ QLHRQELERS QLDFRDRTLK LEEELHKQRD RALAVLAEKD</p> <p>LELEQLRSVA LSSGLPGRRS PVGGVGGGGL GDPADTASSD SLTQALQLAA ANEPTFFLYA</p>

EQLARKEVEI TSLRKQKHRL EVEAHLQER LLEEGERHRE EVGALQSHIE KNMRDQSREG
ANLEYLKNII YRFLTLPDSL GRQQTTLAIL TLHFSPEEK QVLMRLPSGG SWWPSGKR **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.**

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	GCC1
Alternative Name:	Gcc1 (GCC1 Products)
Background:	GRIP and coiled-coil domain-containing protein 1 (Golgi coiled-coil protein 1),FUNCTION: Probably involved in maintaining Golgi structure. {ECO:0000250}.
Molecular Weight:	87.7 kDa
UniProt:	Q9D4H2
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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
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