

Datasheet for ABIN7561681
GIT2 Protein (AA 1-708) (His tag)



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Overview

Quantity:	1 mg
Target:	GIT2
Protein Characteristics:	AA 1-708
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GIT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Git2 Protein expressed in mammalian cells.
Sequence:	<p>MSKRLRSSDV CADCNCPDPS WASVNRGTFI CDECCSVHRS LGRHISQVRH LKHTAWPPTL</p> <p>LQMVETLYNN GANSIWEHSL LDPASIMSGR RKANPQDKVH PNKAEFIRAK YQMLAFVHRL</p> <p>PCREDDSVTA KDLSKQLHSS VRTGNLETCL RLLSLGAQAN FFHPEKGSTP LHVASKAGQI</p> <p>LQAELLAVYG ADPGTQDSSG KTPVDYARQG GHHELAERLI EIQYELTDRL AFYLCGRKPD</p> <p>HKSGQHFLIP QRADSLDLSE LAKAAKKKLQ SLSNHLFEEL AMDVYDEVDR RETDAVWLAT</p> <p>QNHSTLVETET TVVPFLPVNP EYSSTRNQGR QKLARFNAHE FATLVIDILS DAKRRQQGSP</p> <p>LSRSKDNVEL ILRTVSTQHS TESQDNDQPD YDSVASDEDT DVETRASKAN RQKLQTLQSE</p> <p>NSSLRRQATA SACQVQTGSD HKDTASHSSL KRRPSARGSR PMSMYETGSG QKPYLPMGEA</p> <p>SHPEESRTRL QPFPTHIGRS ALVTSSSSLP SFPSTLSWSR DESARRASRL EKQNSTPESD</p> <p>YDNTACDPEP DDTGSTRKGR QRSMLWQGDG LLPDTAEPHS VPSPTLPSTE DVIRKTEQIT</p> <p>KNIQELLRAA QENKHDSYIP CSERIHVAVT EMAALFPKKP KS DTVRTSLR LLTSSAYRLQ</p>

SECRKALPGD SSLPTDVQLV TQQVIQCAYD IAKAAKQLVT ITTKENSS **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:	GIT2
Alternative Name:	Git2 (GIT2 Products)
Background:	ARF GTPase-activating protein GIT2 (ARF GAP GIT2) (Cool-interacting tyrosine-phosphorylated protein 2) (CAT-2) (CAT2) (G protein-coupled receptor kinase-interactor 2) (GRK-interacting protein 2),FUNCTION: GTPase-activating protein for ADP ribosylation factor family members, including ARF1. {ECO:0000250 UniProtKB:Q14161}.
Molecular Weight:	78.8 kDa
UniProt:	Q9JLQ2
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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