

Datasheet for ABIN7556704

GCM1 Protein (AA 1-436) (His tag)



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Overview

Quantity:	1 mg
Target:	GCM1
Protein Characteristics:	AA 1-436
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GCM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gcm1 Protein expressed in mammalian cells.
Sequence:	<p>MELDDFDPED KEILSWDIND VKLPQNVKTT DWFQEWPDY VKHIYSSDDR NAQRHLSSWA</p> <p>MRNTNNHNSR ILKKSCLGVV VCSRDCSTEE GRKIYLRPAI CDKARQKQQR KSCPNCNGPL</p> <p>KLIPCRGHGG FPVTNFWRHD GRFIFFQSKG EHDHPRPETK LEAEARRAMK KVHMASASNS</p> <p>LRMKGRPAAK ALPAEIPSQG SLPLTWSFQE GVQLPGTYST PLIANAPQQN SLNDCLSFPK</p> <p>SYDLGGSTEL EDPTSTLDSM KFYERCKFSS SRIYGSEEQF QPPVPGTYGD YEDLQTNWKN</p> <p>VALGRNPSSD IYYPAYPLPV ASWPYDYFPS QNSLEHLPQQ VPSEPPAAQP GCHPLWSNPG</p> <p>GEPYEEKVSV DLSSYVPSLT YHPPQQDPFL LTYGSPTQQQ HALPGKSNRW DFDEEMACMG</p> <p>LDHFNNEMLL NFCSLR</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>
Characteristics:	Key Benefits:

Product Details

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	GCM1
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Alternative Name:	Gcm1 (GCM1 Products)
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Background:	Chorion-specific transcription factor GCMa (GCM motif protein 1) (mGCM1) (mGCMa) (Glial cells missing homolog 1),FUNCTION: Transcription factor that is necessary for placental development (PubMed:8962155). Involved in the control of expression of placental growth factor (PGF) and other placenta-specific genes. Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer. Binds to the SYDE1 promoter. Has a central role in mediating the differentiation of trophoblast cells along both the villous and extravillous pathways in placental development (By similarity). {ECO:0000250 UniProtKB:Q9NP62, ECO:0000269 PubMed:8962155}.
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Molecular Weight:	49.6 kDa
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UniProt:	P70348
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Application Details

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

as well. 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