

Datasheet for ABIN7547933
GCM2 Protein (AA 1-506) (His tag)



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Overview

Quantity:	1 mg
Target:	GCM2
Protein Characteristics:	AA 1-506
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GCM2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GCM2 Protein expressed in mammalien cells.
Sequence:	MPAAAVQEAV GVCSYGMQLS WDINDPQMPQ ELALFDQFRE WPDGYVRFIY SSDEKKAQRH LSGWAMRNTN NHNGHILKKS CLGVVVCTQA CTLPDGSRLQ LRPAICDKAR LKQQKKACPN CHSALELIPC RGHSGYPVTN FWRLDGNAIF FQAKGVHDHP RPESKSETEA RRSIAIKRQMA SFYQPQKKRI RESEAEENQD SSGHFSNIPP LENPEDFDIV TETSFPIPGQ PCPSFPKSDV YKATCDLATF QGDKMPPFQK YSSPRIYLPR PPCSYELANP GYTNSSPYPT LYKDSTSIPN DTDWVHLNLT QCNVNSYSSY ERSFDFTNKQ HGWKPALGKP SLVERTNHGQ FQAMATRPYY NPELPCRYLT TPPPGAPALQ TVITTTTKVS YQAYQPPAMK YSDSVREVKS LSSCNYAPED TGMSVYPEPW GPPVTVTRAA SPSGPPPMKI AGDCRAIRPT VAIPHEPVSS RTDEAETWDV CLSGLGSAVS YSDRVGPFFT YNNEDF 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.

Product Details

Characteristics:

Key Benefits:

- 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

Grade:

custom-made

Target Details

Target:

GCM2

Alternative Name:

GCM2 ([GCM2 Products](#))

Background:

Chorion-specific transcription factor GCMb (hGCMb) (GCM motif protein 2) (Glial cells missing homolog 2),FUNCTION: Transcription factor that binds specific sequences on gene promoters and activate their transcription. Through the regulation of gene transcription, may play a role in parathyroid gland development. {ECO:0000269|PubMed:20190276, ECO:0000269|PubMed:27745835, ECO:0000269|PubMed:9928992}.

Molecular Weight:

56.6 kDa

UniProt:

[O75603](#)

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.

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