

Datasheet for ABIN7556459
GEM Protein (AA 1-295) (His tag)



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Overview

Quantity:	1 mg
Target:	GEM
Protein Characteristics:	AA 1-295
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GEM protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gem Protein expressed in mammalian cells.
Sequence:	<p>MTLNNVTMRQ GTVGMQPQQR WSIPADARHL MVQKDPHPCN LRNRHSTAPE EHCRRSWSSD STDSVISSES GNTYYRVVLI GEQGVGKSTL ANIFAGVHDS MDSDCEVLGE DTYERTLVVD GESATIILLD MWENKGENEW LHDHCMQVGD AYLIVYSITD RASFEKASEL RIQLRRARQT EDIPIILVGN KSDLVRCREV SVSEGRACAV VFDCKFIETS AAVQHNVKEL FEGIVRQVRL RRDSKEKNER RLAYQKRRES IPRKARRFWG KIVAKNNKNM AFKLKSKSCH DLSVL 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	GEM
Alternative Name:	Gem (GEM Products)
Background:	GTP-binding protein GEM (GTP-binding mitogen-induced T-cell protein) (RAS-like protein KIR),FUNCTION: Could be a regulatory protein, possibly participating in receptor-mediated signal transduction at the plasma membrane. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity.
Molecular Weight:	33.7 kDa
UniProt:	P55041

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.
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