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Datasheet for ABIN7555883

UNC119 Protein (AA 1-240) (His tag)

Overview

Quantity:	1 mg
Target:	UNC119
Protein Characteristics:	AA 1-240
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UNC119 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UNC119 Protein expressed in mammalian cells.
Sequence:	<p>MKVKKGGGGA GTATESAPGP SGQSVAPIPQ PPAEESGSE SEPDAGPGPR PGPLQRKQPI GPEDVLGLQR ITGDYLC SPE ENIYKIDFVR FKIRDMDSGT VLFEIKKPPV SERLPINRRD LDPNAGRFVR YQFTPAFLRL RQVGATVEFT VGDKPVNNFR MIERHYFRNQ LLKSDFDFHG FCIPSSKNTC EHIYDFPPLS EELISEMIRH PYETQSDSFY FVDDRLVMHN KADYSYSGTP</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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	UNC119
Alternative Name:	UNC119 (UNC119 Products)
Background:	<p>Protein unc-119 homolog A (Retinal protein 4) (hRG4),FUNCTION: Involved in synaptic functions in photoreceptor cells, the signal transduction in immune cells as a Src family kinase activator, endosome recycling, the uptake of bacteria and endocytosis, protein trafficking in sensory neurons and as lipid-binding chaperone with specificity for a diverse subset of myristoylated proteins. Specifically binds the myristoyl moiety of a subset of N-terminally myristoylated proteins and is required for their localization. Binds myristoylated GNAT1 and is required for G-protein localization and trafficking in sensory neurons. Probably plays a role in trafficking proteins in photoreceptor cells. Plays important roles in mediating Src family kinase signals for the completion of cytokinesis via RAB11A. {ECO:0000269 PubMed:12496276, ECO:0000269 PubMed:14757743, ECO:0000269 PubMed:19381274, ECO:0000269 PubMed:21642972, ECO:0000269 PubMed:22085962, ECO:0000269 PubMed:23535298, ECO:0000305 PubMed:22960633}.</p>
Molecular Weight:	27.0 kDa
UniProt:	Q13432

Application Details

Application Notes: We expect the protein to work for functional studies. 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
