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Datasheet for ABIN7557012 **KCNRG Protein (AA 1-264) (His tag)**

Overview

Quantity:	1 mg
Target:	KCNRG
Protein Characteristics:	AA 1-264
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNRG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kcnrg Protein expressed in mammalian cells.
Sequence:	MSGQDLVTLN VGGRIFTTRP STLKQFPASR LAGMLDGRDQ EFKTVDGQIF VDRDGALFSF ILDFLRNHEL LLPSDFADHH RLQREALFYE LDSLVDLLSQ FLLQSRSAVM EVHFLNQNTQ AFFRVFGSCS KTIEMLSGRI TMFVERPTAL TGNRNSPLAL PPQRPSHHDL LFHCGSDGAA ENQAGVRYIS IKPDNRKLAN GTNVLGLLVD TLLKEGFHLV STRTPASGEK SECYVFERIT TPQVLGMSKT PKSETTTMPA PSQK 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.
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:	Key Benefits: <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:	KCNRG
Alternative Name:	Kcnrg (KCNRG Products)
Background:	Potassium channel regulatory protein (Potassium channel regulator) (Protein CLLD4),FUNCTION: Inhibits potassium fluxes in cells. May regulate Kv1 family channel proteins by retaining a fraction of channels in endomembranes (By similarity). {ECO:0000250 UniProtKB:Q8N5I3}.
Molecular Weight:	29.4 kDa
UniProt:	Q2TUM3

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