

Datasheet for ABIN7548664

## KCNE1-Like Protein (KCNE1L) (AA 1-142) (His tag)



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### Overview

Quantity:	1 mg
Target:	KCNE1-Like (KCNE1L)
Protein Characteristics:	AA 1-142
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNE1-Like protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant KCNE5 Protein expressed in mammalian cells.
Sequence:	MNCSESQRLR TLLSRLLEL HHRGNASGLG AGPRPSMGMG VVPDPFVGRE VTSKAGDDAY LYILLIMIFY ACLAGGLILA YTRSRLVEA KDEPSQACAE HEWAPGGALT ADAEAAAGSQ AEGRRQLASE GLPALAQGAE RV <b>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.</b>
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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li></ul>

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	KCNE1-Like (KCNE1L)
Alternative Name:	KCNE5 ( <a href="#">KCNE1L Products</a> )
Background:	Potassium voltage-gated channel subfamily E regulatory beta subunit 5 (AMME syndrome candidate gene 2 protein) (Potassium channel subunit beta MiRP4) (Potassium voltage-gated channel subfamily E member 1-like protein),FUNCTION: Potassium channel ancillary subunit that is essential for generation of some native K(+) currents by virtue of formation of heteromeric ion channel complex with voltage-gated potassium (Kv) channel pore-forming alpha subunits. Functions as an inhibitory beta-subunit of the repolarizing cardiac potassium ion channel KCNQ1. {ECO:0000269 PubMed:12324418}.
Molecular Weight:	15.0 kDa
UniProt:	<a href="#">Q9UJ90</a>

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## Application Details

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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

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## Handling

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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