

Datasheet for ABIN7559311  
**KCNV2 Protein (AA 1-562) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KCNV2
Protein Characteristics:	AA 1-562
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNV2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Kcnv2 Protein expressed in mammalian cells.
Sequence:	<p>MLKQSNERRW SLSYKPWSTP ETEDVPNTGS NQHRRSICSL GARTGSQASI APQWTEGNYN YYIEEDED CG EGEDWKDDL AEENQKAECL TSLLDGHNDT PAQMSTLKVN VGGHSYLLEC CELANYPKTR LGRLATSTTR RGQLGLCDDY EAQTDEYFFD RDPAVFQLIY NFYTSGVLLV RDELCPRSFL EELGYWGVRL KYTPRCCRIC FEERRDELSE QLKIQRELRA QAQAEAEEL FRDMRFYGPQ RQRLWNLMEK PFSSVAAKAM GVATNLFVLI SVVALALNTV EEMQHQAEQG TGGGDPRPIL EHVEMLCVAF FTLEFLLRLA STPNLQRFAR SALNLVDLVA ILPFYLQLLL ECFTSEDQRH NKDSPREHDL ETVGRVGKVG QVLRIMRLMR IFRILKLARH STGLRAFGFT LRQCYQQVGC LMLFITMGIF SFSAAVYSVE HDVPGTNFTS ILHAWWWAAV SISTVGYGDM YPETHLGRLE AFLCIAFGII LNGMPISILY NKFSDYYSKL KAYEYTAIRR ERGKVNFMQR ATKKMAECLS ESHAQSTTRQ EN <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></p>

## Product Details

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**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.

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**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.

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

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**Grade:** custom-made

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## Target Details

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**Target:** KCNV2

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**Alternative Name:** Kcnv2 ([KCNV2 Products](#))

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**Background:** Potassium voltage-gated channel subfamily V member 2 (Voltage-gated potassium channel subunit Kv8.2),FUNCTION: Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values (By similarity). {ECO:0000250}.

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**Molecular Weight:** 64.5 kDa

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**UniProt:** [Q8CFS6](#)

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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.

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## Application Details

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Restrictions: For Research Use only

## 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