Recombinant Full Length Human KCNE5 Protein, C-Flag-tagged

Cat. No. KCNE5-1231HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KCNE5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a family of single pass transmembrane domain proteins that function as ancillary subunits to voltage-gated potassium channels. Members of this family affect diverse processes in potassium channel regulation, including ion selectivity, voltage dependence, and anterograde recycling from the plasma membrane. Variants of this gene are associated with idiopathic ventricular fibrillation and Brugada syndrome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	14.8 kDa
AA Sequence	MNCSESQRLRTLLSRLLLELHHRGNASGLGAGPRPSMGMGVVPDPFVGREVTSAK GDDAYLYILLIMIFY ACLAGGLILAYTRSRKLVEAKDEPSQACAEHEWAPGGALTADA EAAAGSQAEGRRQLASEGLPALAQGAE RVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Ion Channels: Other, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	KCNE5 potassium voltage-gated channel subfamily E regulatory subunit 5 [Homo sapiens (human)]
Official Symbol	KCNE5
Synonyms	KCNE1L
Gene ID	23630
mRNA Refseq	NM_012282.4
Protein Refseq	NP_036414.1
MIM	300328

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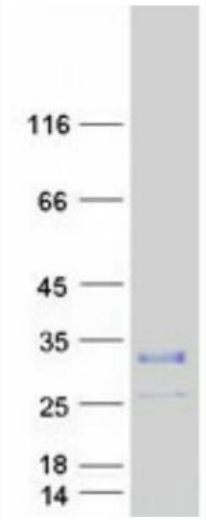
UniProt ID	Q9UJ90



Coomassie blue staining of purified KCNE5 protein.

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