

Product datasheet for **TP306502M**

KCNE1L (KCNE5) (NM_012282) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human KCNE1-like (KCNE1L), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206502 protein sequence
Red=Cloning site **Green**=Tags(s)

MNCSESQRLRLLSRLLLLHHRGNASGLGAGPRPSMGMGVVPDPFVGVREVTSAKGDDAYLYILLIMIFY
ACLAGGLILAYTRSRKLVEAKDEPSQACAEHEWAPGGALTADAEAAAAGSQAEGRRQLASEGLPALAQGAE
RV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036414](#)

Locus ID: 23630

UniProt ID: [Q9UJ90](#)

RefSeq Size: 1465



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Cytogenetics: Xq23

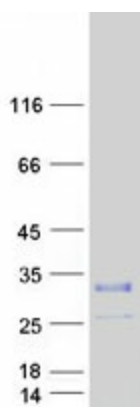
RefSeq ORF: 426

Synonyms: KCNE1L

Summary: 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. [provided by RefSeq, Nov 2016]

Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified KCNE5 protein (Cat# [TP306502]). The protein was produced from HEK293T cells transfected with KCNE5 cDNA clone (Cat# [RC206502]) using MegaTran 2.0 (Cat# [TT210002]).