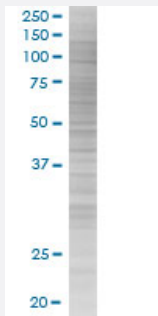


KCNE1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003753-T01

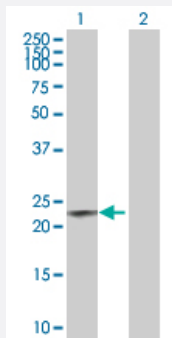
Size 100 uL

Applications



SDS-PAGE Gel

KCNE1 transfected lysate.



Western Blot

Lane 1: KCNE1 transfected lysate (14.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-KCNE1 full-length

Host Human

Theoretical MW (kDa) 14.3

Quality Control Testing Transient overexpression cell lysate was tested with Anti-KCNE1 antibody ([H00003753-B01](#)) by Western Blots.
SDS-PAGE Gel
KCNE1 transfected lysate.
Western Blot
Lane 1: KCNE1 transfected lysate (14.3 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — KCNE1

Entrez GeneID	3753
GeneBank Accession#	NM_000219.2
Protein Accession#	-
Gene Name	KCNE1
Gene Alias	FLJ18426, FLJ38123, FLJ94103, ISK, JLNS, JLNS2, LQT2/5, LQT5, MGC33114, Mink
Gene Description	potassium voltage-gated channel, Isk-related family, member 1
Omim ID	176261 220400
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the potassium channel KCNE family. Potassium ion channels are essential to many cellular functions and show a high degree of diversity, varying in their electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq]
Other Designations	IKs producing slow voltage-gated potassium channel subunit beta Mink OTTHUMP00000108623 OTTHUMP00000108625 OTTHUMP00000108626 cardiac delayed rectifier potassium channel protein delayed rectifier potassium channel subunit Isk minimal potassium channel pot

Disease

- [Arrhythmia](#)
- [Arrhythmias](#)

- [Atrial Fibrillation](#)
- [Atrioventricular Block](#)
- [Brugada Syndrome](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Channelopathies](#)
- [Chromosome Deletion](#)
- [Cognition](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Heart Arrest](#)
- [Heart Block](#)
- [Heart Valve Diseases](#)
- [Hyperparathyroidism](#)
- [Long QT syndrome](#)
- [Meniere Disease](#)
- [Myocardial Infarction](#)
- [Romano-Ward Syndrome](#)
- [Schizophrenia](#)
- [Sudden Infant Death](#)
- [Syncope](#)
- [Syndrome](#)

- [Torsades de Pointes](#)
- [Ventricular Dysfunction](#)