

Product Information

MemDX™ Membrane Protein Human KCNT2 (Potassium sodium-activated channel subfamily T member 2) Full Length

Cat. No.: **MPC0644K**

This product is for research use only and is not intended for diagnostic use.

This product is a 130.5 kDa Human KCNT2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

KCNT2

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

130.5 kDa

TMD

6

Sequence

MVDLESEVPPLPPRYRFRDLLLGDQGWQNDDRQVEFYMNENTFKERLKL
FFIKNQRRSSLRIRLFNFSLKLLSCLLYIIRVLLNPSQGNEWSHIFWVNR
SLPLWGLQVSVLISLFETILLGYLSYKGNIEWEQILRIPFILEIINAVPF
IISIFWPSLRNLFVPVFLNLCWLAKHALENMINDLHRAIQRTQSAMFNQVL
ILISTLLCLIFTCICGIQHLEIRIGKKLNLFDLSLYFCIVTFSTVGFGDVTP
ETWSSKLFVVMICVALVVLPIQFEQLAYLWMERQKSGGNYSRHRATEK
HVVLCVSSLKIDLLMDFLNEFYAHPRLQDYYVVILCPTMDVQVRRVLQI
PMWSQRVIYLQGSALKDQDLLRAKMDDAEACFILSSRCEVDRTSSDHQTI
LRAWAVKDFAPNCPLYVQILKPENKFHIFADHVVCEEEFKYAMLALNCI
CPATSLITLLVHTSRGQEGQQSPEQWQKMYGRCSGNEVYHIVLEESTFF
AEYEGKSFTYASFHAHKKFGVCLIGVRREDNKNILLNPGPRYIMNSTDIC
FYINITKEENSAFKNQDQQRKSNVSRSFYHGPSRLPVHSIIASMGTV
LQDTSCRSASGPTLSLPTEGSKEIRRPSPAPVLEVADTSSIQTCDLLSDQ
SEDETTPDEEMSSNLEYAKGYPPSPYIGSSPTFCHLLHEKVFPCCRLRD
KSCQHNYEDAKAYGFKNKLIIVAAETAGNGLYNFIVPLRAYYRPPKELN
PIVLLLDNPPDMHFLDAICWFPVMVYVMVGSIDNLDLLRCGVTFAANMVV
VDKESTMSAEEDYMAKATIVNVQTLFRLFSSLSIITELTHPANMRFMQF
RAKDCYSLALSLEKKERERGSNLAFMFRLPFAAGRVFSISMLDTLLYQS
FVKDYMISITRLLLGLDTPGSGFLCSMKITADDLWIRTYARLYQKLCSS

TGDVPIGIYRTESQKLTTSESQISISVEEWEDTKDSKEQGHRSNHRNST
SSDQSDHPLLRRKSMQWARRLSRKGPKHSGKTAEKITQQRLNLYRRSERQ
ELAELVKNRMKHLGLSTVGYDEMNDHQSTLSYILINPSPDTRIELNDVVY
LIRPDPLAYLPNSEPSRRNSICNVTGQDSREETQL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

KCNT2

Full Name

Potassium sodium-activated channel subfamily T member 2

Alternative Names

DEE57; SLICK; EIEE57; KCa4.2; SLO2.1; potassium channel subfamily T member 2; potassium channel, subfamily T, member 2; sequence like an intermediate conductance potassium channel subunit; sodium and chloride-activated ATP-sensitive potassium channel Slo2.1; sodium-and chloride-activated ATP-sensitive potassium channel (SLICK); KCNT2; Potassium sodium-activated channel subfamily T member 2

Gene ID

[343450](#)

UniProt ID

[Q6UVM3](#)