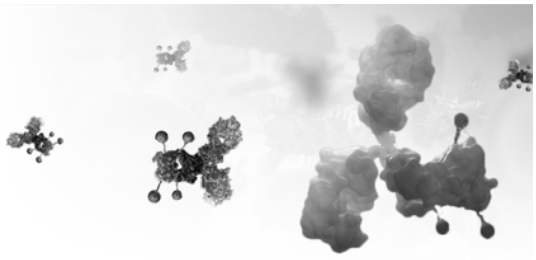

Human KCNJ12 peptide (DAG-P0760)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an inwardly rectifying K+ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the inward rectifier-type potassium channel (TC 1.A.2.1) family. KCNJ12 subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	KCNJ12 potassium inwardly-rectifying channel, subfamily J, member 12 [Homo sapiens (human)]
Official Symbol	KCNJ12
Synonyms	KCNJ12; potassium inwardly-rectifying channel, subfamily J, member 12; IRK2; hIRK; IRK-2; hIRK1; KCNJN1; Kir2.2; Kir2.2v; kcnj12x; hkir2.2x; ATP-sensitive inward rectifier potassium channel 12; inward rectifier K(+) channel Kir2.2; inward rectifier K(+) channel Kir2.6; inward rectifier K(+) channel Kir2.2v; potassium channel, inwardly rectifying subfamily J member 12; potassium inwardly-rectifying channel, subfamily J, inhibitor 1;
Entrez Gene ID	3768

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mRNA Refseq	NM_021012.4
Protein Refseq	NP_066292.2
UniProt ID	Q14500
Chromosome Location	17p11.2
Pathway	Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Cholinergic synapse, organism-specific biosystem; Classical Kir channels, organism-specific biosystem; G protein gated Potassium channels, organism-specific biosystem; GABA B receptor activation, organism-specific biosystem; GABA receptor activation, organism-specific biosystem; Inhibition of voltage gated Ca2+ channels via Gbeta/gamma subunits, organism-spec
Function	inward rectifier potassium channel activity;

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