

Recombinant Human KCNJ16 Full Length Transmembrane protein, His-tagged

Cat. No. KCNJ16-948H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ16 protein(Q9NPI9)(1-418aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-418aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.8 kDa
AA Sequence	MSYYGSSYHIINADAKYPGYPPPEHIIAEKRRARRRLLHKDGSCNVYFKHIFGEWGSY VVDIFTTLVDTKWRHMFVIFSLSYILSWLIFGSVFWLIAFHGDLNDPDITPCVDNVH SFTGAFLFSLETQTTIGYGYRCVTEECSSAVLMVILQSILSCIINTFIIGAALAKMATARK RAQTIRFSYFALIGMRDGLCLMWIRIGDFRPNHVVEGTVRAQLLRYTEDSEGRMTM AFKDLKLVNDQIILVTPVTIVHEIDHESPLYALDRKAVAKDNFEILVTFTIYTG DSTGTSH QSRSSYPREILWGHRFNDVLEVKRKYKVNCLQFEGSVEVYAPFCSAKQLDWKD QQLHIEKAPPVRESCTSDTKARRRSFSAVAIVSSCENPEETTTSATHEYRETPYQKA LLTLNRISVESQM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

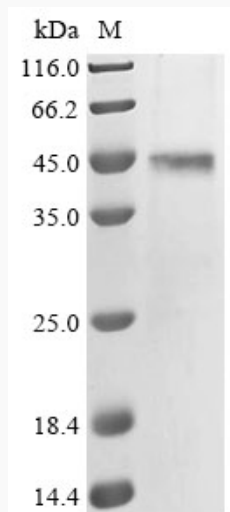
Gene Name	KCNJ16 potassium inwardly-rectifying channel, subfamily J, member 16 [Homo sapiens]
Official Symbol	KCNJ16
Synonyms	KCNJ16; potassium inwardly-rectifying channel, subfamily J, member 16; inward rectifier potassium channel 16; BIR9; Kir5.1; inward rectifier K+ channel KIR5.1; inward rectifier K(+) channel Kir5.1; potassium channel, inwardly rectifying subfamily J member 16; KIR5.1; MGC33717;
Gene ID	3773
mRNA Refseq	NM_018658
Protein Refseq	NP_061128
MIM	605722
UniProt ID	Q9NPI9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA