

Recombinant Human ABCC9, His-tagged

Cat. No. ABCC9-3732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-binding cassette sub-family C member 9 (ABCC9), partial
Species	Human
Source	E.Coli/Yeast
ProteinLength	1549
Description	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein is thought to form ATP-sensitive potassium channels in cardiac, skeletal, and vascular and non-vascular smooth muscle. Protein structure suggests a role as the drug-binding channel-modulating subunit of the extra-pancreatic ATP-sensitive potassium channels. Mutations in this gene are associated with cardiomyopathy dilated type 10. Alternative splicing results in multiple transcript variants.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ABCC9 recombinant protein may occasionally become entrapped in

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the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [ABCC9](#)

Official Symbol ABCC9

Synonyms ABCC9; SUR2 ; ABCC9; ABCC9; SUR2; ABC37;...

Gene ID [10060](#)

mRNA Refseq [NM_005691.2](#)

Protein Refseq [NP_005682.2](#)

MIM [239850](#)

UniProt ID [O60706](#)

Chromosome Location Chromosome: 12; NC_000012.11 (21950323..22089628, complement). Location: 12p12.1

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Function

?the drug-binding channel-modulating subunit of the extra-pancreatic ATP-sensitive potassium channels. Mutations in this gene are associated with cardiomyopathy dilated type 10

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