

Recombinant Human ABCC8 Protein, MYC/DDK-tagged

Cat. No. ABCC8-238H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ABCC8 protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
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 functions as a modulator of ATP-sensitive potassium channels and insulin release. Mutations and deficiencies in this protein have been observed in patients with hyperinsulinemic hypoglycemia of infancy, an autosomal recessive disorder of unregulated and high insulin secretion. Mutations have also been associated with non-insulin-dependent diabetes mellitus type II, an autosomal dominant disease of defective insulin secretion. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	176.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ATP binding cassette subfamily C member 8 [Homo sapiens]
Official Symbol	ABCC8
Synonyms	ABC36; HHF1; HI; HRINS; MRP8; PHHI; SUR; SUR1; SUR1delta2; TNDM2
Gene ID	6833
mRNA Refseq	NM_000352.3
Protein Refseq	NP_000343.2
MIM	600509
UniProt ID	Q09428

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