

Recombinant Human ABCC2 Protein, GST-Tagged

Cat. No. ABCC2-047H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABCC2 partial ORF (NP_000383, 214 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	LKGYKRPLTLEDVWEVDEEMKTKTLVSKFETHMKRELQKARRALQRRQEKSSQQN SGARLPGLNKNQSQSQDALVLEDVEKKKKKSGTKKDVPKSWLMKA
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ABCC2 ATP-binding cassette, sub-family C (CFTR/MRP), member 2 [Homo sapiens]
Official Symbol	ABCC2
Synonyms	ABCC2; ATP-binding cassette, sub-family C (CFTR/MRP), member 2; canalicular multispecific organic anion transporter 1 , CMOAT; canalicular multispecific organic anion transporter 1; cMRP; DJS; MRP2; canalicular multidrug resistance protein; multidrug resistance-associated protein 2; ATP-binding cassette sub-family C member 2; ABC30; CMOAT;
Gene ID	1244
mRNA Refseq	NM_000392
Protein Refseq	NP_000383
MIM	601107

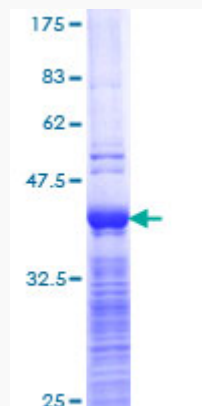
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UniProt ID

Q92887



12.5% SDS-PAGE Stained with Coomassie Blue.

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