

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	<p>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]</p>
Molecular Mass	36.74 kDa
AA Sequence	LKGYKRPLTLEDVWEVDEEMKTKTLVSKFETHMKRELQKARRALQRRQEKSSQQN SGARLPGLNKNQSQSQDALVLEDVEKKKKKSGTKKDVPKSWLMKA
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	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

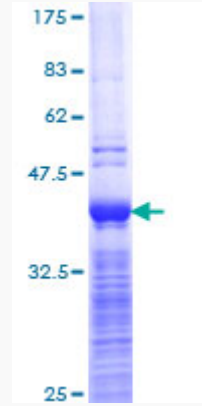
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UniProt ID

Q92887



12.5% SDS-PAGE Stained with Coomassie Blue.

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