Recombinant Human ABCC1 Protein, GST-Tagged

Cat. No. ABCC1-042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABCC1 partial ORF (NP_004987, 816 a.a. - 915 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 full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutatione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternatively spliced variants of this gene have been described but their full-length nature is unknown. [provided by RefSeq, Apr 2012]
Molecular Mass	36.74 kDa
AA Sequence	MLKNKTRILVTHSMSYLPQVDVIIVMSGGKISEMGSYQELLARDGAFAEFLRTYASTE QEQDAEENGVTGVSGPGKEAKQMENGMLVTDSAGKQLQRQLS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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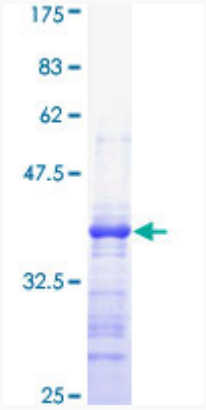
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ABCC1 ATP-binding cassette, sub-family C (CFTR/MRP), member 1 [Homo sapiens]
Official Symbol	ABCC1
Synonyms	ABCC1; ATP-binding cassette, sub-family C (CFTR/MRP), member 1; MRP, MRP1, multidrug resistance associated protein 1; multidrug resistance-associated protein 1; GS X; LTC4 transporter; leukotriene C(4) transporter; ATP-binding cassette transporter variant ABCC1delta-ex13; ATP-binding cassette transporter variant ABCC1delta-ex25; ATP-binding cassette transporter variant ABCC1delta-ex13and 14; ATP-binding cassette transporter variant ABCC1delta-ex25& 26; MRP; ABCC; GS-X; MRP1; ABC29; DKFZp781G125; DKFZp686N04233;
Gene ID	4363
mRNA Refseq	NM_004996
Protein Refseq	NP_004987
MIM	158343

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UniProt ID	P33527



12.5% SDS-PAGE Stained with Coomassie Blue.

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