

Recombinant Human ABCC4 Protein, GST-Tagged

Cat. No. ABCC4-048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABCC4 partial ORF (AAH41560, 1 a.a. - 110 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 family member plays a role in cellular detoxification as a pump for its substrate, organic anions. It may also function in prostaglandin-mediated cAMP signaling in ciliogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2014]</p>
Molecular Mass	37.73 kDa
AA Sequence	MLPVYQEVPKNPLQDANLCSRFFWWLNPLFKIGHKRRLEEDDMYSVLPEDRSQHL GEELQGFWDKEVLRAENDAQKPSLTRAIIKCYWKSYLVLGIFTLIEESAKVIQP
Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p>

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	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	ABCC4 ATP-binding cassette, sub-family C (CFTR/MRP), member 4 [Homo sapiens]
Official Symbol	ABCC4
Synonyms	ABCC4; ATP-binding cassette, sub-family C (CFTR/MRP), member 4; multidrug resistance-associated protein 4; bA464I2.1 (ATP binding cassette; sub family C (CFTR/MRP); member 4); canalicular multispecific organic anion transporter (ABC superfamily); EST170205; MOAT B; MOATB; MRP4; multidrug resistance associated protein 4; multispecific organic anion transporter B; MRP/cMOAT-related ABC transporter; ATP-binding cassette sub-family C member 4; multi-specific organic anion transporter B; bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4); MOAT-B;
Gene ID	10257
mRNA Refseq	NM_001105515
Protein Refseq	NP_001098985
MIM	605250

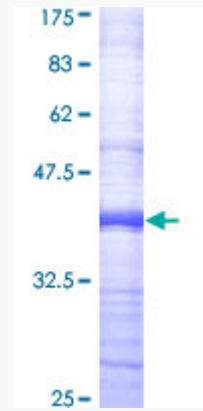
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UniProt ID

O15439



12.5% SDS-PAGE Stained with Coomassie Blue.

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