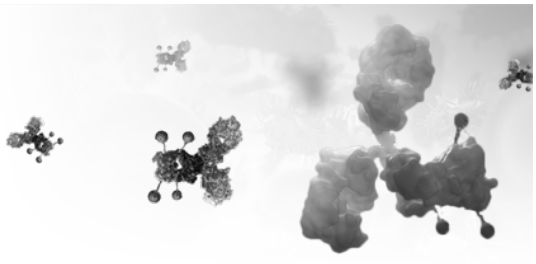

Human ABCC4 peptide (DAG-P0942)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. The specific function of this protein has not yet been determined; however, this protein may play a role in cellular detoxification as a pump for its substrate, organic anions. Alternative splicing results in multiple splice variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Specificity	Widely expressed, with particularly high levels in prostate, but is barely detectable in liver.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.Contains 2 ABC transmembrane type-1 domains.Contains 2 ABC transporter domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ABCC4 ATP-binding cassette, sub-family C (CFTR/MRP), member 4 [Homo sapiens (human)]
Official Symbol	ABCC4
Synonyms	ABCC4; ATP-binding cassette, sub-family C (CFTR/MRP), member 4; MRP4; MOATB; MOAT-

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	B; EST170205; multidrug resistance-associated protein 4; MRP/cMOAT-related ABC transporter; multispecific organic anion transporter B; 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); canalicular multispecific organic anion transporter (ABC superfamily);
Entrez Gene ID	10257
mRNA Refseq	NM_001105515.1
Protein Refseq	NP_001098985.1
UniProt ID	O15439
Chromosome Location	13q32
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Drug Induction of Bile Acid Pathway, organism-specific biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation,
Function	15-hydroxyprostaglandin dehydrogenase (NAD+) activity; ATP binding; ATPase activity, coupled to transmembrane movement of substances;

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