Recombinant Human ABCC11 cell lysate

Cat. No. ABCC11-5HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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 ABC full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. The product of this gene participates in physiological processes involving bile acids, conjugated steroids, and cyclic nucleotides. In addition, a SNP in this gene is responsible for determination of human earwax type. This gene and family member ABCC12 are determined to be derived by duplication and are both localized to chromosome 16q12.1. Multiple alternatively spliced transcript variants have been described for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

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Gene Name	ABCC11 ATP-binding cassette, sub-family C (CFTR/MRP), member 11 [Homo sapiens]
Official Symbol	ABCC11
Synonyms	ABCC11; ATP-binding cassette, sub-family C (CFTR/MRP), member 11; ATP-binding cassette sub-family C member 11; MRP8; multi-resistance protein 8; ATP-binding cassette protein C11; ATP-binding cassette transporter MRP8; multidrug resistance-associated protein 8; ATP-binding cassette transporter sub-family C member 11; WW; EWWD;
Gene ID	85320
mRNA Refseq	NM_032583
Protein Refseq	NP_115972
MIM	607040
UniProt ID	Q96J66
Chromosome Location	16q12
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; nucleotide binding;

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