

Recombinant Full Length Human ABCC11 Protein, GST-tagged

Cat. No. ABCC11-768HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ABCC11 full-length ORF (AAH39085.1, 1 a.a. - 553 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	553 amino acids
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 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. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	88.5 kDa
AA Sequence	MTRKRITYWVP NSSGGLVNRG IDIGDDMVSG LIYKTYTLQD GPWSQQERNP EAPGRAAVPP WGKYDAALRT MIPFRPKPRF PAPQPLDNAG LFSYLTVSWL

 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

TPLMIQSLRS RLDENTIPPL SVHDASDKNV QRLHRLWEEE VSRRGIEKAS
 VLLVMLRFQR TRLIFDALLG ICFCIASVLG PILIIPKILE YSEEQLGNVV
 HGVGLCFALF LSECVKSLSF SSSWIINQRT AIRFRAAVSS FAFEKLIQFK
 SVIHITSGEA ISFFTGDVNY LFEGVCYGPL VLITCASLVI CSISSYFIIG YTAFIILCY
 LLVFPLAVFM TRMAVKAQHH TSEVSDQRIR VTSEVLTCIK LIKMYTWEKP
 FAKIIEDLRR KERKLEKCG LVQSLTSITL FIIPTVATAV WVLHTSLKL
 KLTASMAFSM LASLNLLRLS VFFVPIAVKG LTNSKSAVMR FKKFFLQESP
 VFYVQTLQDP SKALVFEEAT LSWQQTCPGI VNGALELERN GHASEGMTRP
 RDALGPEEEG NSLGPELHKI NLVVSQUALF RPRRQASCQA LRT

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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 [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;

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	EWWD
Gene ID	85320
mRNA Refseq	NM_032583
Protein Refseq	NP_115972
MIM	607040
UniProt ID	Q96J66

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