Recombinant Human ABCC3 293 Cell Lysate

Cat. No. ABCC3-9150HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ATP-binding cassette, sub-family C (CFTR/MRP), member 3 (ABCC3), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	ABCC3 ATP-binding cassette, sub-family C (CFTR/MRP), member 3 [Homo sapiens]
Official Symbol	ABCC3
Synonyms	ABCC3; ATP-binding cassette, sub-family C (CFTR/MRP), member 3; canalicular multispecific organic anion transporter 2; cMOAT2; EST90757; MLP2; MOAT D; MRP3; multidrug resistance associated protein; multidrug resistance-associated protein 3; ATP-binding cassette sub-family C member 3; multi-specific organic anion transporter D; canicular multispecific organic anion transporter; ABC31; MOAT-D;
Gene ID	8714
mRNA Refseq	NM_001144070
Protein Refseq	NP_001137542
MIM	604323
UniProt ID	O15438
Chromosome Location	17q21
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved

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	biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Bile acid and bile salt metabolism, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Codeine and morphine metabolism, organism-specific biosystem;
Function	ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; nucleotide binding; organic anion transmembrane transporter activity; transporter activity;

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