

Recombinant Human ABCC3 293 Cell Lysate

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

SPECIFICATION

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.
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

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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 biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Bile acid and bile salt metabolism, organism-specific biosystem; Bile secretion, organism-

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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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