

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.

 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

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

 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

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;

 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