

Recombinant Human ABCB9 cell lysate

Cat. No. ABCB9-3HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The membrane-associated 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 protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. The function of this half-transporter has not yet been determined; however, this protein may play a role in lysosomes. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specifications.
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

Gene Name	ABCB9 ATP-binding cassette, sub-family B (MDR/TAP), member 9 [Homo sapiens]
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Official Symbol	ABCB9
Synonyms	ABCB9; ATP-binding cassette, sub-family B (MDR/TAP), member 9; ATP-binding cassette sub-family B member 9; EST122234; TAP-like protein; ABC transporter 9 protein; TAPL; KIAA1520;
Gene ID	23457
mRNA Refseq	NM_001243013
Protein Refseq	NP_001229942
MIM	605453
UniProt ID	Q9NP78
Chromosome Location	12q24
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
Function	ATP binding; ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; MHC class I protein binding; TAP1 binding; TAP2 binding; nucleotide binding; oligopeptide-transporting ATPase activity; peptide antigen binding; peptide-transporting ATPase activity; protein homodimerization activity; protein homodimerization activity; substrate-specific transmembrane transporter activity; tapasin binding;

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