

Recombinant Human ABCB9, GST-tagged

Cat. No. ABCB9-9213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ABCB9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	36-181a.a.
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. This family member functions in the translocation of peptides from the cytosol into the lysosomal lumen. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specificities.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	ABCB9 ATP-binding cassette, sub-family B (MDR/TAP), member 9 [Homo sapiens]
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; p

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