

Recombinant Human ABCC10 protein, His & T7-tagged

Cat. No. ABCC10-1534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCC10 aa. (Val1246~Pro1492 (Accession # Q5T3U5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val1246~Pro1492
Description	The 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, and White). This ABC full-transporter is a member of the MRP subfamily which is involved in multi-drug resistance. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.5

GENE INFORMATION

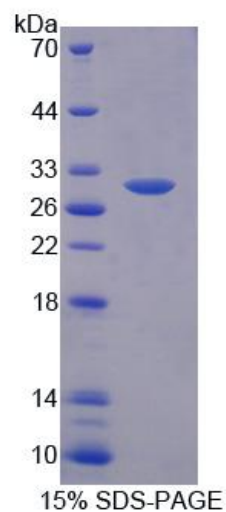
Gene Name	ABCC10 ATP binding cassette subfamily C member 10 [Homo sapiens (human)]
Official Symbol	ABCC10
Synonyms	ABCC10; ATP binding cassette subfamily C member 10; MRP7; SIMRP7; EST182763; multidrug resistance-associated protein 7; ATP-binding cassette subfamily C member 10; ATP-binding cassette, sub-family C (CFTR/MRP), member 10
Gene ID	89845
mRNA Refseq	NM_001198934.1
Protein Refseq	NP_001185863.1
UniProt ID	Q5T3U5

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SDS-PAGE



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