

## Recombinant Human ABCC4 protein, His-tagged

Cat. No. ABCC4-2453H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ABCC4 protein(347-707 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	347-707 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

TASRVFVAVTLYGAVRLTVTLFFPSAIERVSEAIVSIRRIQTFLLLDEISQRNRQLPSDG  
 KKMVHVQDFTAFWDKASETPTLQGLSFTVRPGELLAVVGPVVGAGKSSLLSAVLGEL  
 AP SHGLVSVHGRIAYVSQQPWVFSGTLRSNILFGKKYEKERYEKVIKACALKKDLQL  
 LEDGDLTVIGDRGTTLSGGQKARVNLARAVYQDADIYLLDDPLSAVDAEVSRLHFL  
 CICQILHEKITILVTHQLQYLKAASQILILKDGKMOVQKGTYTEFLKSGIDFGSLLKKDNE  
 ESEQPPVPGTPTLRNRTFSESSVWSQQSSRPSLKDGALESQDTENVPVTLSEENRS  
 EGKVGFAQYKNYFRA

**GENE INFORMATION**

<b>Gene Name</b>	ABCC4 ATP-binding cassette, sub-family C (CFTR/MRP), member 4 [ Homo sapiens ]
<b>Official Symbol</b>	ABCC4
<b>Synonyms</b>	ABCC4; ATP-binding cassette, sub-family C (CFTR/MRP), member 4; multidrug resistance-associated protein 4; bA464I2.1 (ATP binding cassette; sub family C (CFTR/MRP); member 4); canalicular multispecific organic anion transporter (ABC superfamily); EST170205; MOAT B; MOATB; MRP4; multidrug resistance associated protein 4; multispecific organic anion transporter B; MRP/cMOAT-related ABC transporter; ATP-binding cassette sub-family C member 4; multi-specific organic anion transporter B; bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4); MOAT-B;
<b>Gene ID</b>	10257
<b>mRNA Refseq</b>	NM_001105515
<b>Protein Refseq</b>	NP_001098985
<b>MIM</b>	605250

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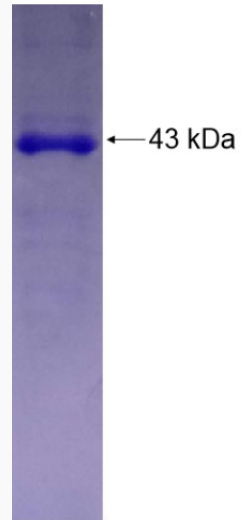
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UniProt ID

O15439

SDS-PAGE



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