

Recombinant Human ABCC8 protein, GST-tagged

Cat. No. ABCC8-301376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCC8 protein(610-769 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	610-769 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MLSEFLSSAEIREEQCAPHEPTPQGPASKYQAVPLRVVNRKRPAREDCRGLTGPLQ SLVPSADGDADNCCVQIMGGYFTWTPDGIPTLSNITIRIPRGQLTMIVGQVGC GKSSL LLAALGEMQKVSGAVFWSSLPDSEIGEDPSPERETATDLDIRKGPV
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. 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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

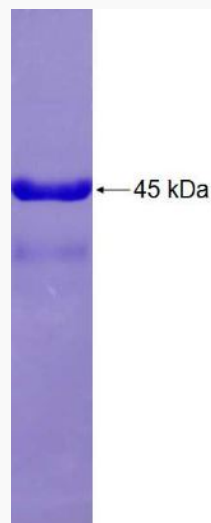
Gene Name	ABCC8 ATP-binding cassette, sub-family C (CFTR/MRP), member 8 [Homo sapiens]
Official Symbol	ABCC8
Synonyms	ABCC8; ATP-binding cassette, sub-family C (CFTR/MRP), member 8; HRINS, SUR; ATP-binding cassette sub-family C member 8; ABC36; HHF1; HI; MRP8; PHHI; sulfonylurea receptor (hyperinsulinemia); SUR1; TNDM2; sulfonylurea receptor 1; ATP-binding cassette transporter sub-family C member 8; SUR; HRINS; SUR1delta2;
Gene ID	6833
mRNA Refseq	NM_000352
Protein Refseq	NP_000343
MIM	600509
UniProt ID	Q09428

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SDS-PAGE



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