

Recombinant Human ABCC8 protein, His-tagged

Cat. No. ABCC8-2934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCC8 protein(610 - 769 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	610 - 769 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MLSEFLSSAEIREEQCAPHEPTPQGPASKYQAVPLRVVNRKRPAREDCRGLTGPLQ SLVPSADGDADNCCVQIMGGYFTWTPDGIPTLSNITIRIPRGQLTMIVGQVGC GKSSL LLAALGEMQKVSGAVFWSSLPDSEIGEDPSPERETATDLDIRKRGPV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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