

Recombinant Human ABCB10 protein, GST-tagged

Cat. No. ABCB10-9208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB10 protein(452-738 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	452-738 aa
Tag	N-GST
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.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	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

YSELMKGLGAGGRLWELLEREPKLPFNEGVLNEKSFQGALEFKNVHFAYPARPEV
 PIFQDFSLSIPSGSVTALVGPSGSGKSTVLSLLLRLYDPASGTISLDGHDRLNPNVWL
 RSKIGTVSQEPILFSCSIAENIAYGADDPSSVTAEIQRVAEVANAVAFIRNFPQGFNT
 VVGEKGVLLSGGQKQRIAIARALLKNPKILLDEATSALDAENEYLVQEALDRLMDGR
 TVLVIAHRLSTIKNANMVAVLQDGKITEYKGHEELLSKPNGIYRKLMNKQSFISA

GENE INFORMATION

Gene Name [ABCB10 ATP-binding cassette, sub-family B \(MDR/TAP\), member 10 \[Homo sapiens \]](#)

Official Symbol [ABCB10](#)

Synonyms [ABCB10](#); ATP-binding cassette, sub-family B (MDR/TAP), member 10; ATP-binding cassette sub-family B member 10, mitochondrial; ABC transporter 10 protein; ATP binding cassette sub family B member 10; mitochondrial; ATP binding cassette transporter 10; EST20237; M ABC2; mitochondrial ATP binding cassette 2; MTABC2; ATP-binding cassette transporter 10; mitochondrial ATP-binding cassette 2; M-ABC2;

Gene ID [23456](#)

mRNA Refseq [NM_012089](#)

Protein Refseq [NP_036221](#)

MIM [605454](#)

UniProt ID [Q9NRK6](#)

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SDS-PAGE

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