

Recombinant Human ABCB10 protein, His-tagged

Cat. No. ABCB10-3244H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB10 protein(452-738 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	452-738 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	YSELMKGLGAGGRLWELLEREPKLPFNEGVLNEKSFQGALEFKNVHFAYPARPEV PIFQDFSLSIPSGSVTALVGPSGSGKSTVLSLLLRLYPASGTISLDGHDIRQLNPVWL RSKIGTVSQEPILFSCSIAENIAYGADDPSSVTAEIQRVAEVANAVAFIRNFPQGFNT VVGEKGVLLSGGQKQRIAIARALLKNPKILLDEATSALDAENEYLVQEALDRLMDGR TVLVIAHRLSTIKNANMVAVLDDQ GKITEY GKHEELLSKPNGIYRKL MNKQSFISA
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.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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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