

Recombinant Human ABCB5 protein, His-tagged

Cat. No. ABCB5-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB5 protein(138-257 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	138-257 aa
Tag	N-His
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	90%, 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	LSTIRSADLIVTLKDGMLAEKGAHAELMAKRGLYYSLVMSQDIKKADEQMESMTYST ERKTNSLPLHSVKSIKSDFDKAEESTQSKEISLPEVSLLKILKLNKPEWPFVVLGTLAS VLN
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GENE INFORMATION

Gene Name	ABCB5 ATP-binding cassette, sub-family B (MDR/TAP), member 5 [Homo sapiens]
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Official Symbol	ABCB5
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Synonyms	ABCB5; ATP-binding cassette, sub-family B (MDR/TAP), member 5; ATP-binding cassette sub-family B member 5; ABCB5alpha; ABCB5beta; ATP binding cassette protein; EST422562; P glycoprotein ABCB5; ABCB5 P-gp; P-glycoprotein ABCB5; ATP-binding cassette protein;
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Gene ID	340273
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mRNA Refseq	NM_001163941
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Protein Refseq	NP_001157413
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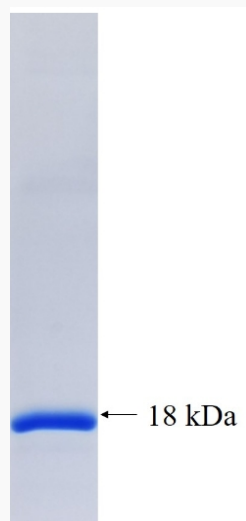
MIM	611785
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UniProt ID	Q2M3G0
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SDS-PAGE

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