

Recombinant Human ABCB6 protein, His-tagged

Cat. No. ABCB6-5645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB6 protein(556-842 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	556-842 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

TNFDIMENMFDLLKEETEVKDLPGAGPLRFQKGRIEFENVHFSYADGRETLQDVSFT
 VM PGQTLALVGPSGAGKSTILRLLFRFYDISSGCIRIDGQDISQVTQASLRSHIGVVP
 QDTVLFNDTIADNIRYGRVTAGNDEVEAAAQAAGIHDAIMAFPEGYRTQVGERGLKL
 SGGEKQRVAIARTILKAPGIILLDEATSALDTSNERAIQASLAKVCANRTTIVVAHRLST
 VVNADQILVIKDGCIVERGRHEALLSRGGVYADMWQLQQGQEETSEDTKPQTMER

GENE INFORMATION

Gene Name [ABCB6 ATP-binding cassette, sub-family B \(MDR/TAP\), member 6 \[Homo sapiens \]](#)

Official Symbol [ABCB6](#)

Synonyms ABCB6; ATP-binding cassette, sub-family B (MDR/TAP), member 6; ATP-binding cassette sub-family B member 6, mitochondrial; ATP binding cassette half transporter; EST45597; MTABC3; umat; mt-ABC transporter 3; P-glycoprotein-related protein; mitochondrial ABC transporter 3; ATP-binding cassette half-transporter; ubiquitously-expressed mammalian ABC half transporter; ABC; LAN; PRP; ABC14; MCOPCB7; FLJ22414;

Gene ID [10058](#)

mRNA Refseq [NM_005689](#)

Protein Refseq [NP_005680](#)

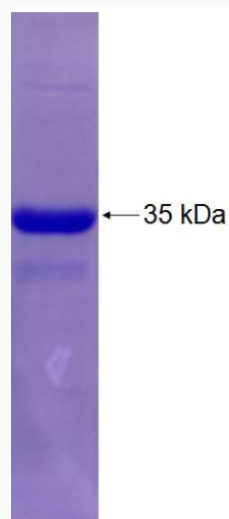
MIM [605452](#)

UniProt ID [Q9NP58](#)

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SDS-PAGE

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