

Recombinant Human ABCB1 protein, GST-tagged

Cat. No. ABCB1-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB1 protein(624-708 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	624-708 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

KLVTMQTAGNEVELENAADESKSEIDALEMSSNDSRSSLIRKRSTRRSVRGSQAQD
RKLSTKEALDESIPPVSFWRIMKLNLTEW

GENE INFORMATION
Gene Name

[ABCB1 ATP-binding cassette, sub-family B \(MDR/TAP\), member 1 \[Homo sapiens \]](#)

Official Symbol

[ABCB1](#)

Synonyms

ABCB1; ATP-binding cassette, sub-family B (MDR/TAP), member 1; CLCS, colchicin sensitivity , MDR1, PGY1; multidrug resistance protein 1; ABC20; CD243; GP170; P gp; P-glycoprotein 1; colchicin sensitivity; doxorubicin resistance; CLCS; MDR1; P-GP; PGY1;

Gene ID

[5243](#)

mRNA Refseq

[NM_000927](#)

Protein Refseq

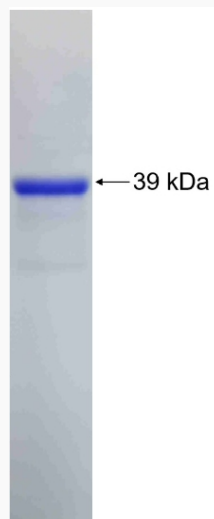
[NP_000918](#)

MIM

[171050](#)

UniProt ID

[P08183](#)

SDS-PAGE

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