

Recombinant Human ABCB1 protein(350-710aa), His-tagged

Cat. No. ABCB1-2132H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB1 protein(P08183)(350-710aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	350-710aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

PSIEAFANARGAAYEIFKIIDNKPSIDSYSKSGHKPDNIKGNLEFRNVHFSYPSRKEVKI
 LKGLNLKVQSGQTVALVGNNSGCGKSTTVQLMQRLYDPTEGMVSVDGQDIRTINVRF
 LREIIGVVSQEPVLFATTIAENIRYGRENVMTDEIEKAVKEANAYDFIMKLPHKFDTLV
 GERGAQLSGGQKQRIAIARALVRNPKILLLDEATSALDTESEAVVQVALDKARKGRT
 TIVIAHRLSTVRNADVIAGFDDGVIVEKGNHDELMKEKGIYFKLVMTQTAGNEVELEN
 AADESKSEIDALEMSSNDSRSSLIRKRSTRRSVRGSAQDRKLSLSTKEALDESIPPVS
 FWRIMKLNLTWPY

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](#)

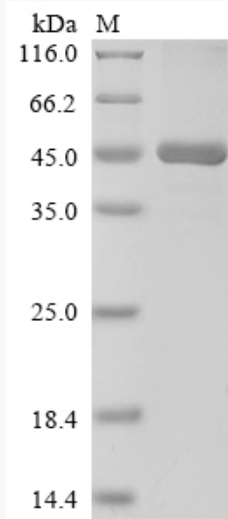
UniProt ID [P08183](#)

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SDS-PAGE



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