

## Recombinant Human ABCB1 protein, His-tagged

**Cat. No.** ABCB1-5275H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ABCB1 protein(P08183)(236-297aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 236-297aa                                                                                                                                                                                                                                                     |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>              |
| <b>Molecular Mass</b>   | 10.8 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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. Our default final concentration of glycerol is 50%. |

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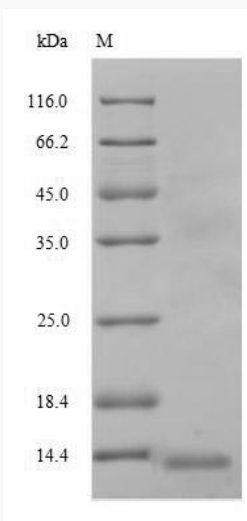
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ABCB1 ATP-binding cassette, sub-family B (MDR/TAP), member 1 [ Homo sapiens ]                                                                                                                                                                                |
| <b>Official Symbol</b> | ABCB1                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 5243                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_000927                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_000918                                                                                                                                                                                                                                                    |
| <b>MIM</b>             | 171050                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>      | P08183                                                                                                                                                                                                                                                       |

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**SDS-PAGE**

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