

## Recombinant Mouse Pgp protein, His-tagged

**Cat. No.** ABCB1-150M    **Lot. No.** (See product label)

### SPECIFICATION

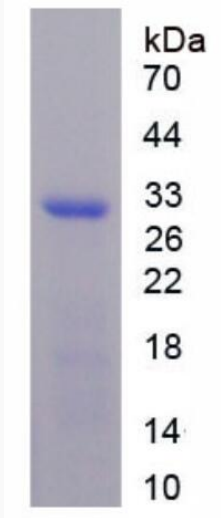
|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pgp protein(Leu391~Thr627), fused with N-terminal His tag, was expressed in E. coli.     |
| <b>Species</b>          | Mouse                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                     |
| <b>ProteinLength</b>    | Leu391~Thr627                                                                                              |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.                                                            |
| <b>Molecular Mass</b>   | 30kDa                                                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                               |
| <b>Purity</b>           | > 97%                                                                                                      |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Reconstitution</b>   | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                       |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                                                                                                                                                                                                                      |
| <b>SDS-PAGE</b>        |                                                                                                                                                                         |

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