

## Recombinant Mouse Abcb11 protein, His & T7-tagged

**Cat. No.** Abcb11-8136M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Abcb11 aa. (Ile420~Leu656 (Accession # Q9QY30)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Ile420~Leu656                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 30.0kDa.                                                                                                                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 6.6.                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.<br>(Referring from China Biological Products Standard, which was calculated by the |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
|                       | Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |
| <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>Storage Buffer</b> | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                          |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                     |

## GENE INFORMATION

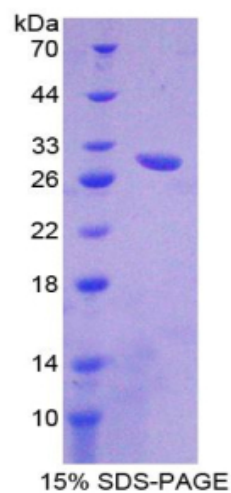
|                        |                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Abcb11 ATP-binding cassette, sub-family B (MDR/TAP), member 11 [ Mus musculus (house mouse) ]</a>                                                                                          |
| <b>Official Symbol</b> | <a href="#">Abcb11</a>                                                                                                                                                                                 |
| <b>Synonyms</b>        | Abcb11; ATP-binding cassette, sub-family B (MDR/TAP), member 11; Bsep; PGY4; SPGP; ABC16; Lith1; PFIC2; bile salt export pump; ATP-binding cassette, sub-family B, member 11; sister of P-glycoprotein |
| <b>Gene ID</b>         | <a href="#">27413</a>                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | <a href="#">NM_021022.3</a>                                                                                                                                                                            |
| <b>Protein Refseq</b>  | <a href="#">NP_066302.2</a>                                                                                                                                                                            |
| <b>UniProt ID</b>      | <a href="#">Q9QY30</a>                                                                                                                                                                                 |

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SDS-PAGE



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