

PRODUCT INFORMATION

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| Target | ABCB5 |
| Synonyms | ABCB5alpha;ABCB5beta;EST422562 |
| Description | Recombinant human ABCB5 protein with C-terminal human Fc tag |
| Delivery | Under development |
| Uniprot ID | Q2M3G0 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | ABCB5(Tyr757-Val827) hFc(Glu99-Ala331) |
| Molecular Weight | The protein has a predicted molecular mass of 43.34 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules (Chen et al., 2005 [PubMed 15760339]). [supplied by OMIM, Mar 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

