

# ATP Binding Cassette Transporter B5 Recombinant Protein | ABCB5 recombinant protein

Recombinant ATP Binding Cassette Transporter B5 (ABCB5)

| CATALOG # | HOST    | REACTIVITY           | APPLICATIONS                                       |
|-----------|---------|----------------------|----------------------------------------------------|
| AAA144324 | E. coli | Homo sapiens (Human) | Immunoprecipitation, ELISA, Western Blot, SDS-Page |

## PRODUCT SYNONYMS

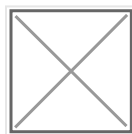
ATP Binding Cassette Transporter B5; Recombinant ATP Binding Cassette Transporter B5 (ABCB5); ABCB5 recombinant protein

## PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                            | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity/Purification                                   | >95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                           | Supplied as lyophilized form in 100mM NaHCO <sub>3</sub> , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                                              | The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.<br>LEFREVSFF YPCRPDVFIL RGLSLIERG KTVAFIGSSG CGKSTSVQLL QRLYDPVQGG VLFDGVDAKE<br>LNVQWLRSQI AIVPQEPVLF NCSIAENIAY GDNSRVVPLD EIKEAANAAN IHSFIEGLPE KYNTQVGLKG<br>AQLSGGQKQR LAIARALLQK PKILLDEAT SALDNDSEKV VQHALDKART GRTCLVVTHR LSAIQNADLI<br>VVLHNGKIKE QGTHQELLRN RDIYFKLVNA                                                                                                                                         |
| Applicable Applications for ABCB5 recombinant protein | IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Residues                                              | Leu570~Ala808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tags                                                  | Two N-terminal Tags, His-tag and T7-tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Accession                                             | Q2M3G0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                  | Cell membrane; Multi-pass membrane protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Endotoxin Level                                       | <1.0EU per 1Ug (determined by the LAL method).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted isoelectric point                           | 8.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Predicted Molecular Mass                              | 30.1kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Usage                                                 | Reconstitute in sterile ddH <sub>2</sub> O.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                               | Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |

## IMAGES

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SDS-PAGE

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/atp-binding-cassette-transporter-b5-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144324>