

## Recombinant Human ABCB5 protein, His-tagged

Cat. No. ABCB5-3533H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ABCB5 protein(138-257 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	138-257 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 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

**AA Sequence** LSTIRSADLIVTLKDGMLAEKGAHAELMAKRGLYYSLVMSQDIKKADEQMESMTYST  
ERKTNSLPLHSVKSISDFIDKAEESTQSKEISLPEVSLKILKLNKPEWPFVVLGTLAS  
VLN

## GENE INFORMATION

**Gene Name** ABCB5 ATP-binding cassette, sub-family B (MDR/TAP), member 5 [ Homo sapiens ]

**Official Symbol** ABCB5

**Synonyms**

ABCB5; ATP-binding cassette, sub-family B (MDR/TAP), member 5; ATP-binding cassette sub-family B member 5; ABCB5alpha; ABCB5beta; ATP binding cassette protein; EST422562; P glycoprotein ABCB5; ABCB5 P-gp; P-glycoprotein ABCB5; ATP-binding cassette protein;

**Gene ID** 340273

**mRNA Refseq** NM\_001163941

**Protein Refseq** NP\_001157413

**MIM** 611785

**UniProt ID** Q2M3G0

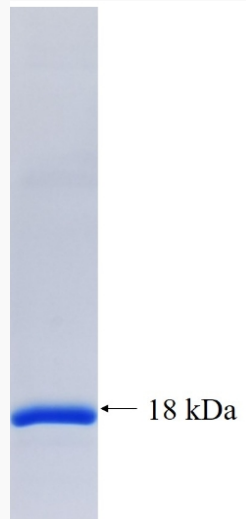
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SDS-PAGE



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