

Recombinant Human ABCB5 protein, Trx-His-tagged

Cat. No. ABCB5-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB5 fused with Trx-His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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]).
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	29.4kD
AA Sequence	MSDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCKMIAPILDEIADEYQGKLTVAK LNIDQNPGTAPKYGIRGIPTLLLFKNGEVAATKVGALSKGQLKEFLDANLAGSGSGH MHHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMAIRSADLIVT LKDGMLAEKGAHAELMAKRGLYYSLVMSQDIKKADEQMESMTYSTERKTNSLPLHS VKSISKDFIDKAEESTQSKEISLPEVSL
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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_178559](#)

Protein Refseq [NP_848654](#)

MIM [611785](#)

UniProt ID [Q2M3G0](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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