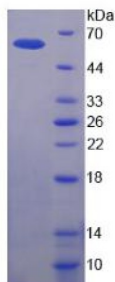


Human ATP-Dependent Translocase ABCB1 (ABCB1) Protein

Catalogue No.: abx068471



SDS-PAGE analysis of recombinant Human ABCB1/Pgp Protein.

Human ATP-Dependent Translocase ABCB1 (ABCB1) Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx102468](#)

Target: ATP-Dependent Translocase ABCB1 (ABCB1)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 97%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P08183 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 3.0.0
Revision date: 18 Nov 2025



Gene Symbol: ABCB1

GeneID: [5243](#)

OMIM: [171050](#)

HGNC: 40

KEGG: hsa:5243

Ensembl: ENSG00000085563

String: [9606.ENSP00000478255](#)

Molecular Weight: Calculated MW: 57.9 kDa
Observed MW (SDS-PAGE): 61 kDa

Sequence Fragment: Phe394-Val672

Sequence: FRNVHFS YPSRKEVKIL KGLNLKVQSG QTVALVGNSG CGKSTTVQLM QRLYDPTEGM
VSVDGQDIRT INVRFLREII GVVSQEPVLF ATTIAENIRY GRENVMTDEI EKAVKEANAY
DFIMKLPHKF DTLVGERGAQ LSGGQKQRIA IARALVRNPK ILLDEATSA LDTESEAVVQ
VALDKARKGR TTIVIAHRLS TVRNADVIAG FDDGVIVEKG NHDELMKEKG IYFKLVMTQT
AGNEVELENA ADESKSEIDA LEMSSNDSRS SLIRKRSTRR SV

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.