

Recombinant ATP Binding Cassette Transporter B8 (ABCB8)

Catalog No.: TP11364

100µg

Sequence Information

Species: Human

Gene ID:11194

Swiss Prot:Q9NUT2

Synonyms:ABC-B8; M-ABC1; MABC1;

Mitochondrial ABC Protein;

Mitochondrial ATP-binding cassette 1;

ATP-binding cassette sub-family B

member 8, mitochondrial

Residues:Val110-Ala714

VALCEAEEAPPASSTPHVVGSRFNWKLFWQFLHPHLLVLGVAVVLALGAALVNV
QIPLLLGQLVEVVAKYTRDHVGSFMTESQNLSTHLLILYGVQGLLTFGYLVLLS
HVGERMAVDMRRALFSSLLRQDITFFDANKTGQLVSRLTTDVQEFKSSFKLVIS
QGLRSCQTQVAGCLVSLSMLSTRLTLLLMVATPALMGVGTLMGSGLRKLSRQCQE
QIARAMGVADEALGNVRTVRAFAMEQREEERYGALEACRCRAEELGRGIALFQ
GLSNIAFNCMVLGTLFIGGSLVAGQQLTGGDLMSFLVASQTVQRSMANLSVLFG
QVVRGLSAGARVF EYMALNPCIPLSGGCCVPKEQLRGSVTFQNVCFSYPCRPGF
EVLKDFTLTLP PGKIVALVGQSGGGKTTVASLLERFYDPTAGVVMLDGRDLRTL
DPSWLRGQVVGFI SQEPVLFGTTIMENIRFGKLEASDEEVYTAAREANAHEFIT
SFPEGYNTVVGERGTTLSGGQKQRLAIARALIKQPTVLIILDEATSALDAESERV
VQEALDRASAGRTVLVIAHRLSTVRGAHCIVVMADGRVWEAGTHEELLKKGGLY
AELIRRQALDA

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His and TRx A Tag

Subcellular Location: Membrane, Mitochondrion.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.6

Predicted Molecular Mass: 85.5kDa

Accurate Molecular Mass: 86kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

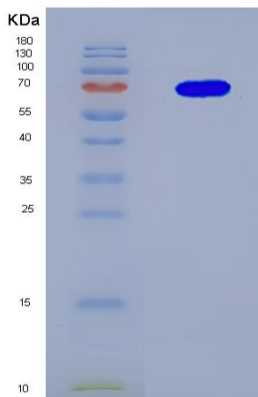


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.