

Recombinant Human ABCE1, His-tagged

Cat. No. ABCE1-3740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-binding cassette sub-family E member 1 (ABCE1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	599
Description	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ABCE1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly

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centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [ABCE1 ATP-binding cassette, sub-family E \(OABP\), member 1 \[Homo sapiens \]](#)

Official Symbol ABCE1

Synonyms RLI; OABP; ABC38; RNS4I; RNASEL1; RNASELI

Gene ID [6059](#)

mRNA Refseq [NM_002940.2](#)

Protein Refseq [NP_002931.2](#)

MIM [601213](#)

UniProt ID [P61221](#)

Chromosome Location 4q31

Function ATP binding;ATPase activity;electron carrier activity;iron-sulfur cluster

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binding;ribonuclease inhibitor activity;

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