

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	<p>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.</p>
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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