

Recombinant Human ABCE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ABCE1-5317H Lot. No. (See product label)

SPECIFICATION

Product Overview	ABCE1 MS Standard C13 and N15-labeled recombinant protein (NP_002931) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	67.1 kDa
AA Sequence	MADKLTRIAIVNHDKCKPKKCRQECKKSCPVVRMGKLCIEVTPQSKIAWISETLCIGC GICIKKCPFGALSIVNLPSNLEKETTHRYCANAFKLHRLPIPRPGEVLGLVGTNGIGKS TALKILAGKQKPNLGKYDDPPDWQEILTYFRGSELQNYFTKILEDDLKAIKPKQYVDQI PKAAKGTVGSILDRKDETKTQAIVCQQLDLTHLKERNVEDLSGGELQRFACAVVCIQ

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KADIFMFDEPSSYLDVKQRLKAAITIRSLINPDRIIVVEHDLVLDYLSDFICCLYGVPSAYGVVTMPFSVREGINIFLDGYVPTENLRFRDASLVFKVAETANEEEVKKMCMYKYPGMKKKMGEFELAIVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPDEGGVEVPVLNVSYPKQKISPKSTGSRQLLHEKIRDAYTHPQFVTDVMKPLQIENIIDQEVQTLSSGGEELQRVALALCLGKPADVYLIDEPSAYLDSEQRLMAARVVKR FILHAKKTAFVVEHDFIMATYLADRVIVFDGVPSKNTVANSPQTLLAGMNKFLSQLEITFRRDPNNYRPRINKLNSIKDVEQKKSGNYFFLDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ABCE1 ATP binding cassette subfamily E member 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [ABCE1](#)

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

Gene ID [6059](#)

mRNA Refseq [NM_002940](#)

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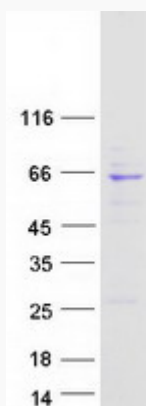
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Protein Refseq NP_002931

MIM 601213

UniProt ID P61221

SDS-PAGE



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