

Recombinant Full Length Human ABCE1 Protein, C-Flag-tagged

Cat. No. ABCE1-1570HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ABCE1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.1 kDa
AA Sequence	MADKLTRIAIVNHDKCKPKKCRQECKKSCPVVRMGKLCIEVTPQSKIAWISETLCIGC GICIKKCPFGAL SIVNLPSNLEKETTHRYCANAFKLHRLPIRPGEVLGLVGTNGIGK STALKILAGKQKPNLGKYDDPPDW QEILTYFRGSELQNYFTKILEDDLKAIKPQYVD

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QIPKAAKGTVGSIILDRKDETKTQAIVCQQDLTHLK ERNVEDLSGGELQRFACAVVC
 IQKADIFMFDEPSSYLDVKQRLKAAITIRSLINPDRIIVVEHDLVLD YLSDFICCLYG
 VPSAYGVVTMPFSVREGINIFLDGYVPTENLRFDRDASLVFKVAETANEEVKKMCMY
 KY PGMKKKMGFEFELAIVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPDEGGEV
 PVLNVSYPKPKISPKS TGSVRQLLHEKIRDAYTHPQFVTDVMKPLQIENIIDQEVQTL
 SGGELQRVALALCLGKPADVYLIDEPSA YLDSEQRLMAARVVKRFILHAKKTAFVVE
 HDFIMATYLADRVIVFDGVPSKNTVANSPQTLLAGMNKFLS
 QLEITFRRDPNNYRPRINKLNSIKDVEQKSGNYFFLDDTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

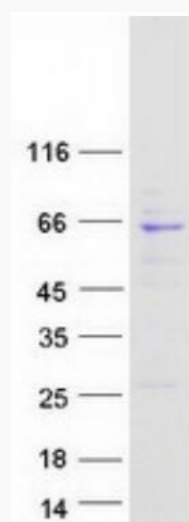
Gene Name	ABCE1 ATP binding cassette subfamily E member 1 [Homo sapiens (human)]
Official Symbol	ABCE1

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Synonyms	RLI; OABP; RLI1; ABC38; RNS4I; RNASEL1; RNASELI
Gene ID	6059
mRNA Refseq	NM_002940.3
Protein Refseq	NP_002931.2
MIM	601213
UniProt ID	P61221



Coomassie blue staining of purified ABCE1 protein.