

# Recombinant Full Length Human ABCE1 Protein, GST-tagged

Cat. No. ABCE1-773HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ABCE1 full-length ORF ( NP_001035809.1, 1 a.a. - 599 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	599 amino acids
<b>Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	93.7 kDa
<b>AA Sequence</b>	MADKLTRIAI VNHDKCKPKK CRQECKKSCP VVRMGKLCIE VTPQSKIAWI SETLCIGCGI CIKKCPFALGAL SIVNLPNSLE KETTHRYCAN AFKLRHRLPIP RPGEVLGLVG TNGIGKSTAL KILAGKQKPN LGKYDDPPDW QEILTYFRGS ELQNYFTKIL EDDLKAIKP QYVDQIPKAA KGTVGSILDR KDETQTAIV

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CQQLDLTHLK ERNVEDLSGG ELQRFACAVV CIQKADIFMF DEPSSYLDVK  
 QRLKAAITIR SLINPDYII VVEHDLSVLD YLSDFICCLY GVPSAYGVVT  
 MPFSVREGIN IFLDGYVPTE NLRFRDASLV FKVAETANEE EVKKMCMYKY  
 PGMKKKMGFE ELAIVAGEFT DSEIMVMLGE NGTGKTTFIR MLAGRLKPDE  
 GGEVPVLNVS YKPQKISPKS TGSVRQLLHE KIRDAYTHPQ FVTDVMKPLQ  
 IENIIDQEVQ TLSGGELQRV ALALCLGKPA DVYLIDEPSA YLDSEQRLMA  
 ARVVKRFILH AKKTAFVVEH DFIMATYLAD RVIVFDGVPS KNTVANSPQT  
 LLAGMKNFLS QLEITFRRDP NNYRPRINKL NSIKDVEQKK SGNYFFLDD

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ABCE1 ATP-binding cassette, sub-family E (OABP), member 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">ABCE1</a>
<b>Synonyms</b>	RLI; OABP; ABC38; RNS4I; RNASEL1; RNASELI
<b>Gene ID</b>	<a href="#">6059</a>
<b>mRNA Refseq</b>	<a href="#">NM_002940</a>
<b>Protein Refseq</b>	<a href="#">NP_002931</a>

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<b>MIM</b>	601213
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<b>UniProt ID</b>	P61221
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