

Recombinant Full Length Human ABCE1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ABCE1 full-length ORF (NP_001035809.1, 1 a.a. - 599 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	599 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	93.7 kDa
AA Sequence	MADKLTRIAI VNHDCKCKPKK CRQECKKSCP VVRMGKLCIE VTPQSKIAWI SETLCIGCGI CIKKCPFGAL SIVNLP SNLE KETTHRYCAN AFKLHRLPIP RPGEVLGLVG TNGIGKSTAL KILAGKQKPN LGKYDDPPDW QEILTYFRGS ELQNYFTKIL EDDLKAIKP QYVDQIPKAA KGTVGSILDR KDET KTQAIV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CQQLDLTHLK ERNVEDLSGG ELQRFACAVV CIQKADIFMF DEPSSYLDVK
 QRLKAATIR 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
 LLAGMNKFLS QLEITFRRDP NNYRPRINKL NSIKDVEQKK SGNYFFLDD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Protein Refseq

NP_002931

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	601213
-----	--------

UniProt ID	P61221
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA