

Product datasheet for TP323295

ABCE1 (NM_002940) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223295 representing NM_002940 Red=Cloning site Green=Tags(s)

MADKLTRIAIVNHDKCKPKKCRQECKKSCPVWRMGKLCIEVTPQSKIAWISETLCIGCGICIKKCPFGAL
SIVNLPSNLEKETTHRYCANAFKLHRLPIPRPGEVLGLVGTNGIGKSTALKILAGKQKPNLGYDDPPDW
QEILTYFRGSELQNYFTKILEDDLKAIKPQYVDQIPKAAKGTVGSILDRKDETKTQAIVCQQDLTLHLK
ERNVEDLSGGELQRFACAVVCIQKADIFMFDEPSSYLDVKQRLKAAITIRSLINPDRYIIVVEHDLVLD
YLSDFICCLYGVP SAYGVVTMPFSVREGINIFLDGYVPTENLRFRDASLVFKVAETANEEVKKMCMYKY
PGMKKKMGEFELAIVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPDEGGVPLNVSYKPKISPKS
TGSVRQLLHEKIRDAYTHPQFVTDVMKPLQIENIIDQEVQTLSSGGELQRVALALCLGKPADVYLIDEPSA
YLDSEQRLMAARVVKR FILHAKKTA FVVEHDFIMATYLADRVIVFDGVP SKNTVANS PQTLLAGM NKFLS
QLEITFRDPNNYRPRINKLNSIKDVEQKKS GNYFFLDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

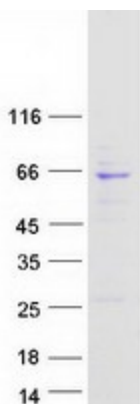
Tag:	C-Myc/DDK
Predicted MW:	67.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002931
Locus ID:	6059
UniProt ID:	P61221
RefSeq Size:	3568
Cytogenetics:	4q31.21
RefSeq ORF:	1797
Synonyms:	ABC38; OABP; RLI; RLI1; RNASEL1; RNASELI; RNS4I
Summary:	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]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified ABCE1 protein (Cat# TP323295). The protein was produced from HEK293T cells transfected with ABCE1 cDNA clone (Cat# [RC223295]) using MegaTran 2.0 (Cat# [TT210002]).