

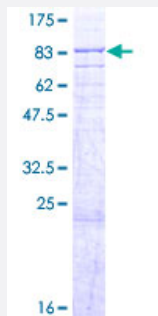
Full-Length

ABCE1 (Human) Recombinant Protein (P01)

Catalog # H00006059-P01

Size 2 ug

Applications



Specification

Product Description

Human ABCE1 full-length ORF (NP_001035809.1, 1 a.a. - 599 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADKLTRIAVNHDKCKPKKCRQECKKSCPVVRMGKLCIEVTPQSKIAWISETLCIGCGICIKKCPF
GALSIVNLPSNLEKETTHRYCANAFKLHRLPIPRPGEVLGLVGTNGIGKSTALKILAGKQKPNLGKY
DDPPDWQEILTYFRGSELQNYFTKILEDDLKAIKPQYVDQIPKAAKGTVGSILDRKDETKTQAIVCQ
QLDLTHLKERNVEDLSGGELQRFACAVVCIQKADIFMFDEPSSYLDVKQRLKAAITIRSLINPDRIIV
VEHDSVLDYLSDFICCLYGVP SAYGVVTMPFSVREGINIFLDGYVPTENLRFRDASLVFKVAETA
NEEEVKMKCMYKYPGMKKKMGEFELAVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPDEG
GEVPVLNVSYKPQKISPKSTGSVRQLLHEKIRDAYTHPQFVTDVMKPLQIENIIDQEVQTLSSGELQ
RVALALCLGKPADVYLIDEPSAYLDSEQRLMAARVVKRFLHAKKTAFVVEHDFIMATYLADRVMF
DGVPSKNTVANSPTLLAGMKNKFLSQLEITFRRDPNNYRPRINKLNSIKDVEQKKSGNYFFLDD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.7

Interspecies Antigen Sequence

Mouse (100); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — ABCE1

Entrez GeneID	6059
GeneBank Accession#	NM_001040876.1
Protein Accession#	NP_001035809.1
Gene Name	ABCE1
Gene Alias	ABC38, OABP, RLI, RNASEL1, RNASELI, RNS4I
Gene Description	ATP-binding cassette, sub-family E (OABP), member 1
Omim ID	601213
Gene Ontology	Hyperlink
Gene 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]

Other Designations

ATP-binding cassette, sub-family E, member 1|RNase L inhibitor|ribonuclease L (2',5'-oligoadenylate synthetase-dependent) inhibitor

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)