



Recombinant Human ATP-binding cassette sub-family E member 1 (ABCE1)

Product Code	CSB-EP001076HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P61221
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MADKLTRIAI VNHDKCKPKK CRQECKKSCP VVRMGKLCIE VTPQSKIAWI SETLCIGCGI CIKKCPFGAL SIVNLPSNLE KETHRYCAN AFKLHRLPIP RPGEVLGLVG TNGIGKSTAL KILAGKQKPN LGKYDDPPDW QEILTYFRGS ELQNYFTKIL EDDLKAIKP QYVDQIPKAA KGTVGSILDR KDETKTQAIV CQQLDLTHLK ERNVEDLSGG ELQRFACAVV CIQKADIFMF DEPSSYLDVK QRLKAAITIR SLINPDRYII VVEHDLVLD YLSDFICCLY GVPSAYGVVT MPFSVREGIN IFLDGYVPTE NLRFRDASLV FKVAETANEE EVKMKCMYKY PGMKKKMGEF ELAIVAGEFT DSEIMVMLGE NGTGKTTFIR MLAGRLKPDE GGEVPLNVS YKPQKISPKS TGSVRQLLHE KIRDAYTHPQ FVTDVMKPLQ IENIIDQEVQ TLSGGELQRV ALALCLGKPA DVYLIDEPSA YLDSEQRLMA ARVVKRFILH AKKTAFVVEH DFIMATYLAD RVIVFDGVPS KNTVANSPT LLAGMNKFLS QLEITFRRDP NNYRPRINKL NSIKDVEQKK SGNYFFLDD
Source	E.coli
Target Names	ABCE1
Protein Names	Recommended name: ATP-binding cassette sub-family E member 1 Alternative name(s): 2'-5'-oligoadenylate-binding protein HuHP68 RNase L inhibitor Ribonuclease 4 inhibitor Short name= RNS4I
Expression Region	1-599
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.