

Recombinant Mouse Abce1 Protein, Myc/DDK-tagged

Cat. No. Abce1-1462M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATP-binding cassette, sub-family E (OABP), member 1 (Abce1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The membrane-associated 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.
Molecular Mass	67.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Abce1 ATP-binding cassette, sub-family E (OABP), member 1 [Mus musculus (house mouse)]

Official Symbol Abce1

Synonyms Abce1; ATP-binding cassette, sub-family E (OABP), member 1; O; R; RLI; Oabp; RNS41; RNS4I; C79080; Rnaseli; ATP-binding cassette sub-family E member 1; ATP-binding cassette, subfamily E, member 1; RNS4I (Eye); RNase L inhibitor; ribonuclease 4 inhibitor; ribonuclease L (2', 5'-oligoadenylate synthetase-dependent) inhibitor

Gene ID 24015

mRNA Refseq NM_015751

Protein Refseq NP_056566

UniProt ID P61222

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