



Recombinant Mouse NEDD8-activating enzyme E1 regulatory subunit (Nae1)

Product Code	CSB-EP819734MO
Abbreviation	Nae1
Storage	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.
Uniprot No.	Q8VBW6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AQPGKILKE QKYDRQLRLW GDHGQEALES AHVCLINATA TGTEILKNLV LPGIGSFTII DGNLVSGEDA GNNFFLQKSS IGKNRAQAAM EFLQELNSDV SGSFVEESPE NLLDNDPSFF CRFTIVVATQ LLESTLLRLA DVLWNSQIPL LICRTYGLVG YMRIIIKEHP VIESHPDNAL EDLRLDKPFP ELREHLQSYD LDHMEKKDHS HTPWIVIIAK YLAQWYNETN GRIPKSYKEK EDFRDLIRQG ILKNENGAPE DEENFEEAIK NVNTALNTTQ IPSSIEDIFN DDRCINITKQ TPTFWILARA LKEFVAKEGQ GNLPVRGTIP DMIADSNKYI KLQNVYREKA KKDAAAVGNH VAKLLQSVGQ APESISEKEL KLLCSNSAFL RVVRCRSLAE EYGLDTVNKD EISSMDNPD NEIVLYLMLR AVDRFHKQHG RYPGVSNYQV EEDIGLKKSC LTGFLQEYGL SVMVKDDYVH EFCRYGAAEP HTIAAFLGGA AAQEVIKIIT KQFVIFNNTY IYSGMSQTS A TFQL
Source	E.coli
Target Names	Nae1
Protein Names	Recommended name: NEDD8-activating enzyme E1 regulatory subunit Alternative name(s): Amyloid beta precursor protein-binding protein 1, 59 kDa Short name= APP-BP1 Amyloid protein-binding protein 1
Expression Region	2-534
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 of Mature Protein
Target Details	This protein binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer s disease. In addition, the encoded protein can form a heterodimer with UBE1C and bind and activate NEDD8, a ubiquitin-like protein. This protein is required for cell cycle progression through the S/M checkpoint. Three transcript variants encoding



different isoforms 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

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