Recombinant Human NAE1 Protein, His-tagged

Cat. No. NAE1-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAE1 (2-end) protein was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.
Species	Human
Source	Insect Cells
ProteinLength	2-end a.a.
Description	The protein encoded by this gene 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.
Molecular Mass	Approx 65 kDa
Purity	> 70%
Stability	One year at -70 centigrade from data of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

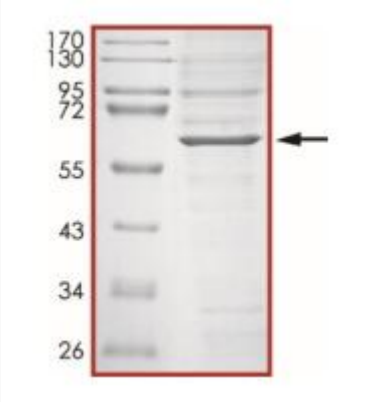
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	favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.2 μg/μL
Storage Buffer	Recombinant protein stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.25 mM DTT, 25% glycerol.
Shipping	Dry ice

GENE INFORMATION

Gene Name	NAE1 NEDD8 activating enzyme E1 subunit 1 [Homo sapiens (human)]
Official Symbol	NAE1
Synonyms	NAE1; NEDD8 activating enzyme E1 subunit 1; HPP1; ula-1; APPBP1; A-116A10.1; NEDD8-activating enzyme E1 regulatory subunit; APP-BP1; NEDD8-activating enzyme E1 subunit; amyloid beta precursor protein binding protein 1, 59kDa; amyloid beta precursor protein-binding protein 1, 59 kDa; amyloid beta precursor protein-binding protein 1, 59kD; amyloid protein-binding protein 1; proto-oncogene protein 1; protooncogene protein 1
Gene ID	8883
mRNA Refseq	NM_003905
Protein Refseq	NP_003896
MIM	603385
UniProt ID	Q13564

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Purity	 The purity of NAE1 was determined to be >70 % by densitometry.

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