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32-2579: NAE1 Recombinant Protein

Alternative Name :	NEDD8-activating enzyme E1 regulatory subunit,Amyloid beta precursor protein-binding protein 1 59 kDa,APP-BP1,Amyloid protein-binding protein 1,Proto-oncogene protein 1,NAE1,APPBP1,HPP1,ula-1,A-116A10.1.

Description

Source : Escherichia Coli. NAE1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 557 amino acids (1-534) and having a molecular mass of 62.7kDa.NAE1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NEDD8-activating enzyme E1 regulatory subunit (NAE1) is a member of the ubiquitin-activating E1 family. NAE1 binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is believed to have a role in the pathogenesis of Alzheimer's disease. NAE1 participates in a unique ubiquitinylation-related pathway involving the ubiquitin-like molecule NEDD8. Furthermore, the NAE1 protein is essential for cell cycle progression through the S/M checkpoint.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The NAE1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAQLGKL LKEQKYDRQL RLWGDHGQEA LESAHVCLIN ATATGTEILK NLVLPGIGSF TIIDGNQVSG EDAGNNFFLQ RSSIGKNRAE AAMEFLQELN SDVSGSFVEE SPENLLDNDP SFFCRFTVVV ATQLPESTSL RLADVLWNSQ IPLLICRTYG LVGYMRIIIK EHPVIESHPD NALEDLRLDK PFPELREHFQ SYDLDHMEKK DHSHTPWIVI IAKYLAQWYS ETNGRIPKTY KEKEDFRDLI RQGILKNENG APEDEENFEE AIKNVNTALN TTQIPSSIED IFNDDRCINI TKQTPSFWIL ARALKEFVAK EGQGNLPVRG TIPDMIADSG KYIKLQNVYR EKAKKDAAAV GNHVAKLLQS IGQAPESISE KELKLLCSNS AFLRVVRCRS LAEEYGLDTI NKDEIISSMD NPDNEIVLYL MLRAVDRFHK QQGRYPGVSN YQVEEDIGKL KSCLTGFLQE YGLSVMVKDD YVHEFCRYGA AEPHTIAAFL GGAAAQEVIK IITKQFVIFN NTYIYSGMSQ TSATFQL.