

NEDD8 Activating Enzyme E1 Subunit 1 Human Recombinant

Item Number	rAP-1383
Synonyms	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	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.
Uniprot Accession Number	Q13564
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAQLGKL LKEQKYDRQL RLWGDHGQEA LESAHVCLIN AT-ATGTEILK NLVLPGIGSF TIIDGNQVSG EDAGNFFLQ RSSIGKNRAE AAMEFLQELN SDVSGSFVEE SPENLLDNDP SFFCRFTVVV ATQLPESTSL RLADVLWNSQ IPLLICRTYG LVGYMRIIK EHPVIESHPD NALEDLRLDK PFPELREHFQ SYDLDHMEKK DHSHTPWIVI IAKYLAQWYS ETNGRIPKTY KEKEDFRDLI RQGILKNENG APEDEENFEE AIKNVNTALN TTQIPSSIED IFNDDRCINI TKQTPSFWIL ARALKEFVAK EGQGNLPVRG TIPDMIADSG KYIKLQNVYR EKAKKDAAAV GNVAKLLQS IGQAPESISE KELLLCSNS AFLRVVRCRS LAEEYGLDTI NKDEIISSMD NPDNEIVLYL MLRAVDRFHK QQGRYPGVSN YQVEEDIGKL KSCLTGFLQE YGLSVMVKDD YVHEFCRYGA AEPHTIAAFL GGAAAQEVK IITKQFVIFN NTYIYSGMSQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The NAE1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**