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Product datasheet for AR50180PU-S

APPBP1 (1-534, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	APPBP1 (1-534, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	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
Tag:	His-tag
Predicted MW:	62.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 10% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NAE1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001018169
Locus ID:	8883

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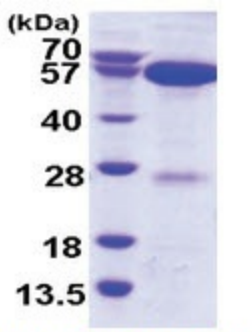
UniProt ID:	Q13564
Cytogenetics:	16q22.1
Synonyms:	A-116A10.1; APPBP1; HPP1; ula-1
Summary:	The protein encoded by this gene binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the 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. [provided by RefSeq, Jul 2008]
Protein Pathways:	Alzheimer's disease

Product images:



15% SDS-PAGE (3ug)