

Product datasheet for AR50180PU-N

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OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: APPBP1 (1-534, His-tag) human recombinant protein, 0.25 mg

Species: Human **Expression Host:** E. coli

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSMAQLGKL LKEQKYDRQL RLWGDHGQEA LESAHVCLIN or AA Sequence:

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

>90% by SDS - PAGE **Purity:**

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.

Shelf life: one year from despatch. Stability:

RefSeq: NP 001018169

Locus ID: 8883





UniProt ID: Q13564

Cytogenetics: 16q22.1

Synonyms: A-116A10.1; APPBP1; HPP1; ula-1

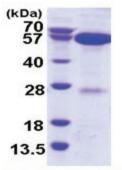
Summary: The protein encoded by this gene binds to the beta-amyloid precursor protein. Beta-amyloid

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)