

Product datasheet for KN201326RB

APPBP1 (NAE1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR) Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control Donor DNA: **RFP-BSD** APPBP1 Symbol: 8883 Locus ID: **KN201326G1**, APPBP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN201326G2, APPBP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201326RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003, scramble sequence in pCas-Guide vector NM 001018159, NM 001018160, NM 001286500, NM 003905 RefSeq: **UniProt ID:** Q13564 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 ubiguitin-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]



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Product images:



RFP, Luc, and mBFP will be under native gene promoter

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