

Recombinant Mouse Apbb1 Protein, His-tagged

Cat. No. Apbb1-199M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Apbb1 Protein (Pro182-Met412) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro182-Met412
Description	Enables ubiquitin protein ligase binding activity. Involved in several processes, including double-strand break repair; positive regulation of DNA repair; and smooth muscle contraction. Acts upstream of or within several processes, including generation of neurons; negative regulation of neuron differentiation; and visual learning. Located in cytoplasm and nucleus. Is active in Schaffer collateral - CA1 synapse; glutamatergic synapse; and neuromuscular junction. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in Alzheimer's disease. Orthologous to human APBB1 (amyloid beta precursor protein binding family B member 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.2 kDa Accurate Molecular Mass: 40 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Apbb1 amyloid beta (A4) precursor protein-binding, family B, member 1 [Mus musculus (house mouse)]
Official Symbol	Apbb1
Synonyms	APBB1; amyloid beta (A4) precursor protein-binding, family B, member 1; amyloid beta A4 precursor protein-binding family B member 1; Rir; Fe65
Gene ID	11785
mRNA Refseq	NM_001253885
Protein Refseq	NP_001240814

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q9QXJ1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA