



SHANGHAI GENOMICS

*Recombinant Human Amyloid Beta
Precursor Protein Binding Protein 1*
rHuAPPBP1

Catalog number: 3132-14

Specifications and Use

Source	● Sf9 insect cell
Molecular Mass	● 62.6 kDa
Purity	● ≥ 85% as determined by SDS-PAGE
Tag	● 6 × His
Formulation	● 20mM Tris-HCl, 150mM NaCl, 0.5mM EDTA, pH7.9, 10% glycerol
Stability	● Store at -80°C. Avoid repeated freezing and thawing
Usage	● FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.

Human APPBP1

Ubiquitin is covalently attached to target proteins by a multienzymatic system consisting of E1 (ubiquitin-activating), E2 (ubiquitin-conjugating), and E3 (ubiquitin-ligating) enzymes. NEDD8, an ubiquitin-like protein, is conjugated to proteins in a manner analogous to ubiquitylation. beta-amyloid precursor protein-binding protein-1 (APPBP1) can bind to NEDD8 in rabbit reticulocyte lysates. However, since APPBP1 shows similarity to only the N-terminal domain of an E1 enzyme, it must interact with a protein showing similarity to the C-terminal region of E1s.

Protein Sequence:

HHHHHHHDYDIPTTENLYFQAAMDPEFRANPAMAQLGKLLKEQKYDRQLRLWGDHGQEALSAHV
CLINATATGTEILKNLVLPGIGSFTIIDGNQVSGEDAGNNFFLQRSSIGKNRAEAAMEFLQELNSDVS
GSFVEESPENLLDNDPSFFCRFTVVVATQLPESTSLRLADVLWNSQIPLLICRTYGLVGYMRIIIKEHP
VIESHPDNALEDLRLDKPFPELREHFQSYDLDHMEKKDHSHTPWIVIIAKYLAQWYSETNGRIPKTY
KEKEDFRDLIRQGILKNENGAPEDENFEEAIKNVNTALNTTQIPSSIEDIFNDDRCINITKQTPSWIL
ARALKEFVAKEGQGNLPVRGTIPDMIADSGKYIKLQNVYREKAKKDAAAVGNHVAKLLQSIGQAPES
ISEKELKLLCSNSAFLRVVRCRSLAEEYGLDTINKDEIISMDNPDNEIVLYLMLRAVDRFHKQQGRY
PGVSNYQVEEDIGKLSCLTGFLQEYGLSVMVKDDYVHEFCRYGAAEPHTIAAFLGGAAAQEVIKII
TKQFVIFNNTYIYSGMSQTSATFQL