Recombinant Rat Gsap Protein, His-tagged

Cat. No. Gsap-1597R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsap Protein (Leu634-Leu846) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu634-Leu846
Description	Predicted to enable amyloid-beta binding activity. Predicted to be involved in positive regulation of amyloid-beta formation and regulation of proteolysis. Predicted to be active in trans-Golgi network. Orthologous to human GSAP (gamma-secretase activating protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1 kDa Accurate Molecular Mass: 28 kDa
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

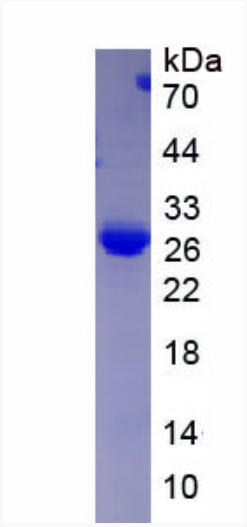
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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Gsap gamma-secretase activating protein [Rattus norvegicus (Norway rat)]
Official Symbol	Gsap
Synonyms	Gsap; gamma-secretase activating protein; Pion; gamma-secretase-activating protein; pigeon homolog; protein pigeon homolog
Gene ID	311984
mRNA Refseq	XM_006235935
Protein Refseq	XP_006235997
UniProt ID	A0A0G2JWZ3

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