

Recombinant Rat Bace1 protein, His-tagged

Cat. No. Bace1-715R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Bace1 aa. (Gly181~Tyr366 (Accession # P56819)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly181~Tyr366
Description	Catalyzes the cleavage of the beta site of amyloid precursor protein; may play a role in generation of amyloid beta peptide.
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C 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°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Bace1](#) beta-secretase 1 [[Rattus norvegicus \(Norway rat\)](#)]

Official Symbol

[Bace1](#)

Synonyms

Bace1; beta-secretase 1; Bace; beta-secretase 1; ASP2; asp 2; aspartyl protease 2; beta-site APP cleaving enzyme 1; beta-site amyloid precursor protein cleaving enzyme 1; memapsin-2; membrane-associated aspartic protease 2

Gene ID

[29392](#)

mRNA Refseq

[NM_019204.2](#)

Protein Refseq

[NP_062077.1](#)

UniProt ID

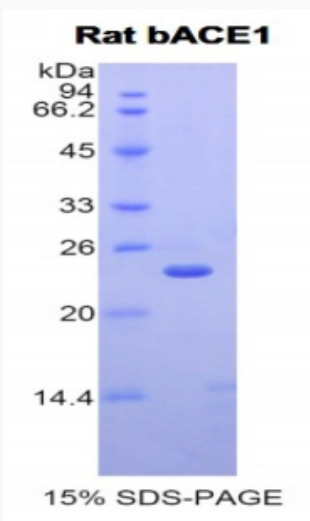
[P56819](#)

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SDS-PAGE



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