

Recombinant Rat Ager protein, His & T7-tagged

Cat. No. Ager-654R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ager aa. (Pro180~Pro402 (Accession# Q63495)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro180~Pro402
Description	Cell surface receptor for various molecules, including the amyloidogenic form of serum amyloid A.
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 4.7.
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

Ager advanced glycosylation end product-specific receptor [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ager

Synonyms

Ager; advanced glycosylation end product-specific receptor; RAGE; advanced glycosylation end product-specific receptor; advanced glycosylation end product-specific receptor variant 2; advanced glycosylation end product-specific receptor variant 3; advanced glycosylation end product-specific receptor variant 4; advanced glycosylation end product-specific receptor variant 5; receptor for advanced glycosylation end products

Gene ID

81722

mRNA Refseq

NM_053336.2

Protein Refseq

NP_445788.2

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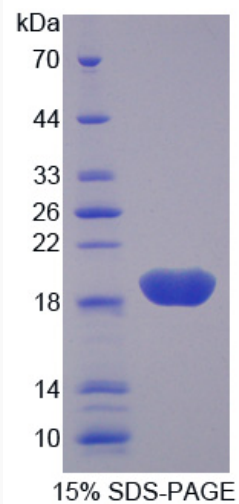
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UniProt ID

Q63495

SDS-PAGE

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