

Recombinant Rat Mgea5 protein, His-tagged

Cat. No. Mgea5-617R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mgea5 aa. (Ala19~Thr222 (Accession # Q8VIJ5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala19~Thr222
Description	Plays a role in insulin secretion; may be involved in secretion of other glucose regulated hormones.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
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, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

[Mgea5 meningioma expressed antigen 5 \(hyaluronidase\) \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Mgea5](#)

Synonyms

Mgea5; meningioma expressed antigen 5 (hyaluronidase); OGA; Ncoat; O-GLCNACASE; protein O-GlcNAcase; N-acetyl-beta-D-glucosaminidase; N-acetyl-beta-glucosaminidase; beta-N-acetylhexosaminidase; beta-hexosaminidase; bifunctional protein NCOAT; meningioma-expressed antigen 5; nuclear cytoplasmic O-GlcNAcase and acetyltransferase

Gene ID

[154968](#)

mRNA Refseq

[NM_131904.1](#)

Protein Refseq

[NP_571979.1](#)

UniProt ID

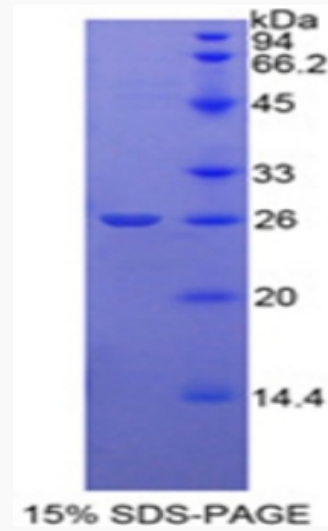
[Q8VIJ5](#)

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SDS-PAGE



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