

## Recombinant Rat Mfng protein, His & T7-tagged

**Cat. No.** Mfng-1882R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Mfng aa. (Ile56~Tyr309 (Accession # Q6P776)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                              |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Ile56~Tyr309                                                                                                                                                                                                                                                |
| <b>Description</b>      | Mouse homolog is involved in modulating the activation of the Notch signal transduction pathway.                                                                                                                                                            |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 32.5kDa                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                               |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                    |
| <b>Stability</b>        | 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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

**Isoelectric Point**

7.3

## GENE INFORMATION

**Gene Name**

Mfng MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Mfng

**Synonyms**

Mfng; MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; beta-1,3-N-acetylglucosaminyltransferase manic fringe; manic fringe homolog

**Gene ID**

315119

**mRNA Refseq**

NM\_199110.1

**Protein Refseq**

NP\_954541.1

**UniProt ID**

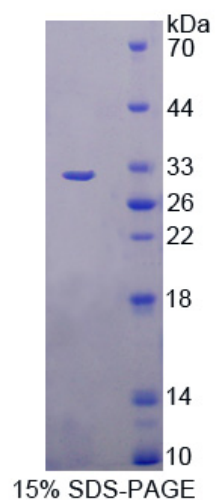
Q6P776

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SDS-PAGE



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