

## Recombinant Rat Fstl1 protein, His-tagged

**Cat. No.** Fstl1-1618R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Fstl1 aa. (Glu20~Ile306 (Accession # Q62632)) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                  |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Glu20~Ile306                                                                                                                                                                                                                                                |
| <b>Description</b>      | Interacts with transforming growth factor (TGF) superfamily proteins; may play a role in reproduction and in regulation of activin A in brain wound healing.                                                                                                |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 34.8kDa                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                               |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                        |
| <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 |

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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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in ddH<sub>2</sub>O.

**Isoelectric Point**

5.9

## GENE INFORMATION

**Gene Name**

Fstl1 follistatin-like 1 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Fstl1

**Synonyms**

Fstl1; follistatin-like 1; Frp; Fstl; follistatin-related protein 1; follistatin-like protein 1

**Gene ID**

79210

**mRNA Refseq**

NM\_024369.2

**Protein Refseq**

NP\_077345.1

**UniProt ID**

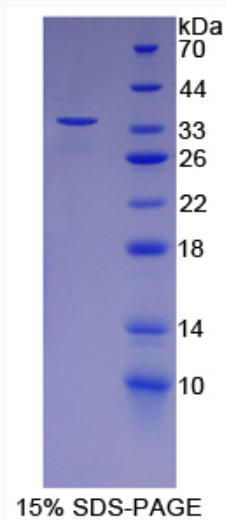
Q62632

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SDS-PAGE



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