

Recombinant Rat Fstl1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Fstl1 aa. (Glu20~Ile306 (Accession # Q62632)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu20~Ile306
Description	Interacts with transforming growth factor (TGF) superfamily proteins; may play a role in reproduction and in regulation of activin A in brain wound healing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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 ₂ 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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