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Recombinant Follistatin Like Protein 1 (FSTL1)

Catalog Number: SIPJ056Ra01 **Spec: 50ug**

Product Name	Recombinant Follistatin Like Protein 1 (FSTL1)
Catalog Number	SIPJ056Ra01
Organism Species	Rat
Residues	Glu20~Ile306
Tags	N-terminal His-Tag
Accession	Q62632
Host	E. coli
Subcellular Location	Secreted.
Purity	>95%
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method).
Formulation	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Predicted isoelectric point	5.9
Predicted Molecular Mass	34.8kDa
Applications	SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in ddH2O.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological

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Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below. E EQRSKSKICA NVFCGAGREC AVTEKGEPTC LCIEQCKPHK RPVCGSNGKT YLNHCELHRD ACLTGSKIQV DYDGHCKEKK SVSPSASPVV CYQANRDELR RRIIQWLEAE IIPDGWFSKG SNYSEILDKY FKSFDNGDSH LDSSEFLKFV EQNETAVNIT AYPNQENNKL LRGLCVDALI ELSDENADWK LSFQEFLKCL NPSFNPPEKK CALEDETYAD GAETEVDCNR CVCSCGHWVC TAMTCDGKNQ KGVQTHTEEE MTRYAQELQK HQGTAEKTKK VNTKEI

[REFERENCES]

1. Zwijsen A., et al. (1994) Eur. J. Biochem. 225:937-946. 2. Malik-Hall M., et al. (2003) Brain Res. Mol. Brain Res. 110:298-304. 3. Remmers E.F., et al. (1999) Transplant. Proc. 31:1549-1554. 4. Zhang G., et al. (2003) J. Neurosci. Res. 72:33-45.