



AVISCERA BIOSCIENCE

Human Follistatin-Related Protein 1 (FSTL1) Recombinant

Product Information

Code	00347-02-100
Name	FSTL1, rec.
Lot No.	20110420
Size	100 µg
Species	Human
Sequence	Mature Form
Protein ID	Q12841
Gene ID	11167
MW	35 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel PBS buffer
Formulation	lyophilized form without preservatives
Carry	Free
Storage	-20° C ~ -70° C
Reconstitution	PBS, 500 µl

Description

A DNA sequence encoding the human FSTL1 (Glu²¹-Ile³⁰⁸) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg human FSTL1 in 100 µl of PBS. Carry free.

Reconstitution & Storage

Add 500 µl PBS to the vial to prepare a working stock solution at 200 µg/ml. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months).

Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human FSTL1 (Glu²¹-Ile³⁰⁸)

```
EEELRSKSKI  CANVFCGAGR  ECAVTEKGEF  TCLCIEQCKP
HKRPVCGSNG  KTYLNHCELH  RDACLTGSKI  QVDYDGHCKE
KKSVPSPASP  VVCYQSNRDE  LRRRIQWLE  AEIIPDGWFS
KGSNYSEILD  KYFKNFDNGD  SRLDSSEFLK  FVEQNETAIN
ITTYPDQENN  KLLRGLCVDA  LIELSDENAD  WKLSFQEFK
CLNPSFNPPE  KKCALEDETY  ADGAETEVDC  NRCVCACGNW
VCTAMTCDGK  NQKGAQTQTE  EEMTRYVQEL  QKHQETAECT
KRVSTKEI
```

This recombinant FSTL1 (human) had been used by Dr. Ke Wei, et al. Epicardial FSTL1 reconstitution regenerates the adult mammalian heart .Nature 525, 479–485 (24 September 2015) doi:10.1038/nature15372

ORDER INFORMATION
AVISCERA BIOSCIENCE, INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
USA
Tel: (408) 982 0300
Fax: (408) 982 0301
Email:
Sales@AvisceraBioscience.com
www.AvisceraBioscience.com

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.