



# AVISCERA BIOSCIENCE

## Human Transforming Growth Factor $\beta$ -1 (TGF- $\beta$ 1), Recombinant

### Product Information

|                |                                                                    |
|----------------|--------------------------------------------------------------------|
| Code           | 00033-07-100                                                       |
| Name           | Human TGF- $\beta$ 1 rec.                                          |
| Lot No.        | 20111473                                                           |
| Size           | 100 $\mu$ g                                                        |
| Species        | Human                                                              |
| Sequence       | Ala279-Ser390                                                      |
| Protein ID     | P01137                                                             |
| Gene ID        | 7040                                                               |
| MW             | 15.8 KDa                                                           |
| Tag            | His tag on N terminal                                              |
| Source         | E. Coli                                                            |
| Purity         | >95% in SDS-PAGE gel<br>PBS lyophilized form without preservatives |
| Formulation    |                                                                    |
| Carry          | Free                                                               |
| Storage        | -20° C ~ -70° C                                                    |
| Reconstitution | 500 $\mu$ l                                                        |
| Application    | ELISA<br>Cell Biology                                              |

### Description

A DNA sequence encoding the mature form of human TGF- $\beta$ 1 (Ala<sup>279</sup>-Ser<sup>390</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100  $\mu$ g human TGF- $\beta$  1 in 100  $\mu$ l of PBS. Carry free.

### Reconstitution & Storage

Add 500  $\mu$ l deionized water to the vial to prepare a working stock solution at 200  $\mu$ g/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 TGF- $\beta$  1 (Ala<sup>279</sup>-Ser<sup>390</sup>)

```
279
ALDTNYCFSS TEKNCCVRQL YIDFRKDLGW KWIHEPKGYH
ANFCLGPCPY IWSLDTQYSK VLALYNQHNP GASAAPCCVP
QALEPLPIVY YVGRKPKVEQ LSNMIVRSCK CS 390
```

### 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.