



# 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.        |  |
| 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    | 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  
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