# **Recombinant Transforming Growth** Factor Beta 3 (TGFb3) Instruction Manual

# SIPB283Hu02

## Homo sapiens (Human)

| Source                    | Prokaryotic expression  |
|---------------------------|---|
| Host                      | E.coli  |
| Endotoxin Level           | <1.0EU per 1µg (determined by the LAL method)   |
| Subcellular Location      | Secreted  |
| Predicted Molecular Mass  | 35.8kDa   |
| Accurate Molecular Mass   | 38kDa(Analysis of differences refer to the manual)  |
| Residues & Tags           | Leu24~Arg300 with N-terminal His Tag  |
| <b>Buffer Formulation</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| Traits                    | Freeze-dried powder   |
| Purity                    | > 95%   |
| Isoelectric Point         | 8.9   |
| Applications              | Positive Control; Immunogen; SDS-PAGE; WB.  |

#### SEQUENCE

LSTCTTL DFGHIKKKRV EAIRGQILSK LRLTSPPEPT VMTHVPYQVL ALYNSTRELL EEMHGEREEG CTQENTESEY YAKEIHKFDM IQGLAEHNEL AVCPKGITSK VFRFNVSSVE KNRTNLFRAE FRVLRVPNPS SKRNEQRIEL FQILRPDEHI AKQRYIGGKN LPTRGTAEWL SFDVTDTVRE WLLRRESNLG LEISIHCPCH TFQPNGDILE NIHEVMEIKF KGVDNEDDHG RGDLGRLKKQ KDHHNPHLIL MMIPPHRLDN PGQGGQRKKR

#### USAGE

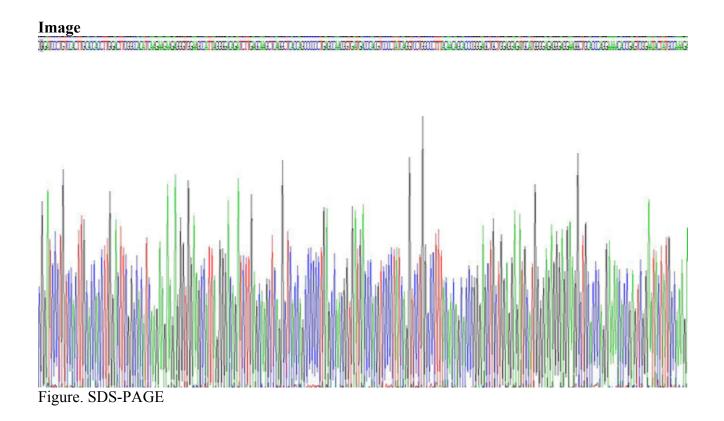
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

# STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at - 80°C for 12 months.

### 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 than 5% within the expiration date under appropriate storage condition.



# [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.