# **Recombinant Thrombospondin 4** (THBS4) Instruction Manual

# SIPD354Hu01

### Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	54.6kDa
Accurate Molecular Mass	61kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro644~Leu866 with N-terminal His and GST Tag
Buffer Formulation	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	3.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

PTVINSA QLDTDKDGIG DECDDDDDND GIPDLVPPGP DNCRLVPNPA QEDSNSDGVG DICESDFDQD QVIDRIDVCP ENAEVTLTDF RAYQTVVLDP EGDAQIDPNW VVLNQGMEIV QTMNSDPGLA VGYTAFNGVD FEGTFHVNTQ TDDDYAGFIF GYQDSSSFYV VMWKQTEQTY WQATPFRAVA EPGIQLKAVK SKTGPGEHLR NSLWHTGDTS DQVRLL

#### USAGE

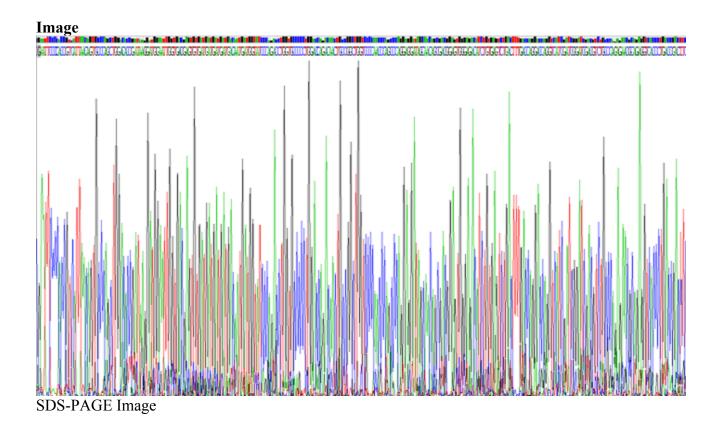
Reconstitute in  $ddH_2O$  to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### 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.