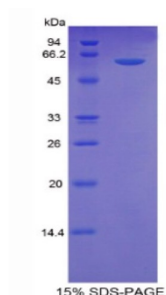
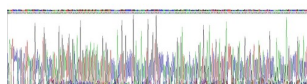


Human Thrombospondin 4 (THBS4) Protein

Catalogue No.: abx069284



SDS-PAGE analysis of recombinant Human Thrombospondin 4 Protein.



Gene sequencing extract of recombinant Human Thrombospondin 4 Protein.

Human Thrombospondin 4 (THBS4) Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target: Thrombospondin 4 (THBS4)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 29 Apr 2025



UniProt Primary AC: P35443 ([UniProt](#), [ExPASy](#))

KEGG: hsa:7060

String: [9606.ENSP00000339730](#)

Molecular Weight: Calculated MW: 54.6 kDa

Observed MW (SDS-PAGE): 61 kDa

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Pro644-Leu866

Sequence: PTVINSA QLDTDKDGIG DECDDDDND GIPDLVPPGP DNCRLVPNPA QEDSNSDGVG
DICESDFDQD QVIDRIDVCP ENAEVTLTDF RAYQTVVLDP EGDAQIDPNW WVLNQGMEIV
QTMNSDPGLA VGYTAFNGVD FEGTFHVNTQ TDDYAGFIF GYQDSSSFYV VMWKQTEQTY
WQATPFRAVA EPGIQLKAVK SKTGPGEHLR NSLWHTGDTS DQVRLL

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: 100 mM NaHCO₃, 500 mM NaCl, pH 8.3, 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 250 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.