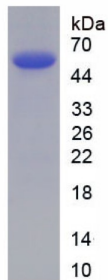


Datasheet

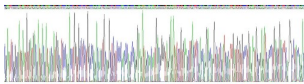
Version: 2.0.0
Revision date: 13 Mar 2025

Mouse Thrombospondin 4 (THBS4) Protein

Catalogue No.: abx655227



SDS-PAGE analysis of recombinant Mouse THBS4 Protein.



Gene sequencing extract of recombinant Mouse THBS4 Protein.

Mouse Thrombospondin 4 (THBS4) Protein is a Recombinant Mouse protein expressed in *E. coli*.

This protein is the immunogen for the following antibodies: [abx101682](#)

Target: Thrombospondin 4 (THBS4)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Datasheet

Version: 2.0.0
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Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 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.
UniProt Primary AC:	Q9Z1T2 (UniProt , ExPASy)
String:	10090.ENSMUSP00000022213
Molecular Weight:	Calculated MW: 43.7 kDa Observed MW (SDS-PAGE): 58 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none">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:	Gly662-Leu923
Sequence:	GDECD DDDDD NDGIPDLVPP GPDNCR LVPN PAQEDSNNDG VGDICEADFD QDQVIDHIDV CPENAEITLT DFRAYQTVVL DPEGDAQIDP NWWVLNQGME IVQTMNSDPG LAVGYTAFNG VDFEGTFHVN TQTDDDDYA GF IFGYQDSSSF YVVMWKQTEQ TYWQATPFRA VAEPGIQLKA VKSKTGPGEH LRNSLWHTGD TSDQVR LLWK DSRNVGWKDK VSYRWFLQHR PQVGYIRVRF YEGSELVADS GVTIDTTMRG GRL
Tag:	N-terminal His tag and SUMO tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 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.