

Thrombospondin 4 (THBS4) Recombinant Protein | THBS4 recombinant protein

Recombinant Thrombospondin 4 (THBS4)

CATALOG # AAA134155	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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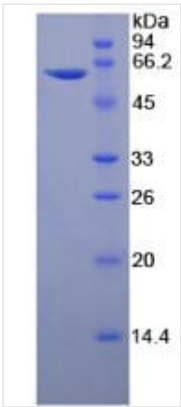
PRODUCT SYNONYMS

Thrombospondin 4 (THBS4); Recombinant Thrombospondin 4 (THBS4); THBS4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLYERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-PAQEDSN NDGVGDICEA DFDQDKVIDR IDVCPENAEI TLTDFRAYQT VVLDPEGDAQ IDPNWVVLNQ GMEIVQTMNS DPGLAVGYTA FNGVDFEGTF HVNTQTDDDY AGFIFGYQDS SSFYVVMWKQ TEQTYWQATP FRAVAEPGIQ LKAVKSKTGP GEHLRNSLWH TGDTSQVRL LWKDSRNVGW KDKVSYRWFL QHRPQVGYIR VRFYEGSELV ADSGVTIDTT MRGGRLGVFC FSQENIIWSN LKYRCNDTI
Sequence Length	980
Applicable Applications for THBS4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Pro708-Ile963 (Accession # P49744) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.2
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



PAQ EDSNNDGVGD ICEADFDQDK VIDRIDVCPE NAEITLTDFR
AYQTVVLDPE GDAQIDPNWV VLNQGMEIVQ TMNSDPGLAV GYTAFNGVDF
EGTFHVNTQT DDDYAGFIFG YQDSSSFYVW MNKQTEQTYW QATPFRAVAE
PGIQLKAVKS KTGPGEHLRN SLWHTGDTSD QVRLWKDSR NVGWKDKVSY
RWFLQHRPQV GYIRVRFYEG SELVADSGVT IDTTMRGGRL GVFCFSQENI
IWSNLKYRCN DTI

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	1717815
NCBI GeneID	29220
UniProt Accession #	P49744
Molecular Weight	61.0kDa
NCBI Official Full Name	Thrombospondin-4
NCBI Official Synonym Full Names	thrombospondin 4
NCBI Official Symbol	Thbs4
NCBI Protein Information	thrombospondin-4
UniProt Protein Name	Thrombospondin-4
UniProt Gene Name	Thbs4
UniProt Synonym Gene Names	Tsp-4; Tsp4
UniProt Entry Name	TSP4_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.