

Recombinant Human Thrombospondin-5/COMP Protein

Catalog No.: RP00258

Recombinant

1 Publications

Sequence Information

Species	Gene ID	Swiss Prot
Human	1311	P49747-1

Tags

C-His

Synonyms

COMP;EDM1;EPD1;MED;PSACH;THBS5;TS
P5

Product Information

Source	Purification
HEK293 cells	> 90% by SDS- PAGE.

Calculated MW	Observed MW
81.80 kDa	110-125 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us for
customized product form or formulation.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein or
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%
FBS or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Contact

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Background

Basic Information

Description

Recombinant Human Thrombospondin-5/COMP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln 21 - Ala 757) of human COMP (Accession #NP_000086.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

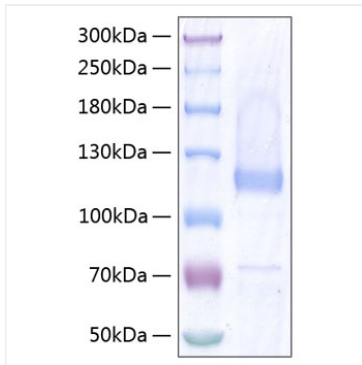
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human
Thrombospondin-5/COMP Protein was
determined by SDS-PAGE with Coomassie
Blue, showing a band at 110-125 kDa.