ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

Human TIMP-1 Recombinant Protein (85-402)

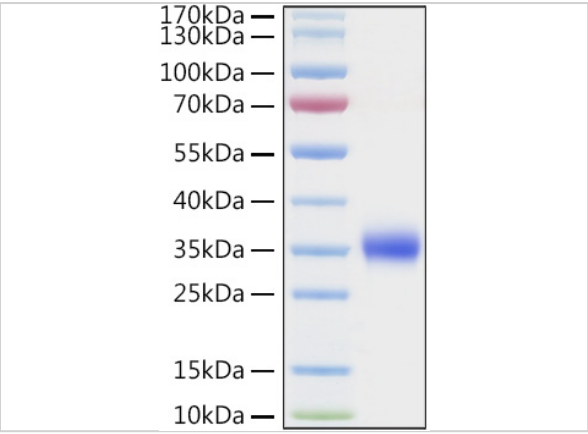
CATALOG NUMBER: 85-402

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	21.54 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human TIMP1 Protein at 1 μg/mL (100 μL/well) can bind TIMP1 Rabbit mAb with a linear range of 0.038-2.5 ng/mL. 2.Measured by its ability to inhibit human MMP-2 cleavage of a fluorogenic peptide substrate Mca-PLGL-Dpa-AR-NH2. The IC50 value is approximately 2.2 nM.

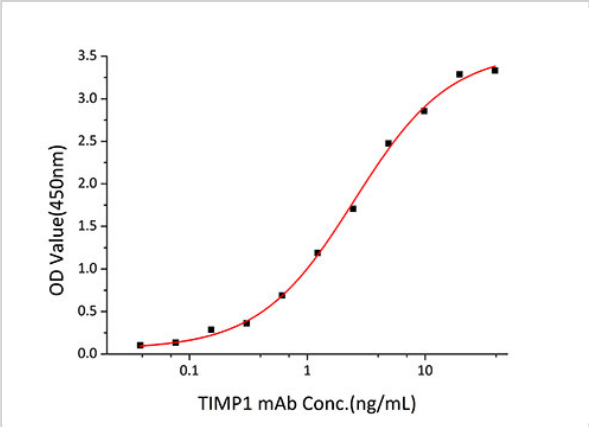
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage Conditions	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.



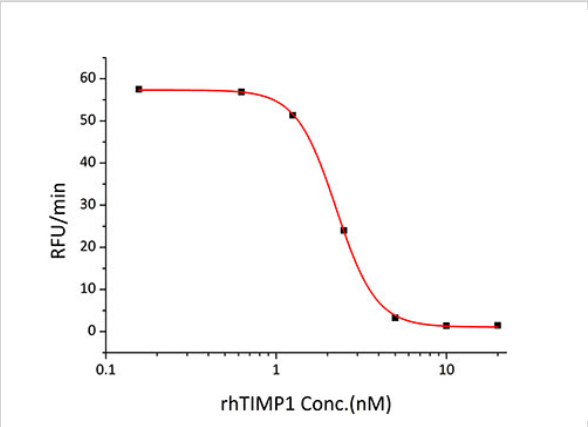
85-402_1

Recombinant Human TIMP-1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-402_2

Immobilized recombinant Human TIMP1 Protein at 1μg/mL (100 μL/well) can bind TIMP1 Rabbit mAb with a linear range of 0.038-2.5ng/mL.



85-402_3

Recombinant Human TIMP-1 inhibit human MMP-2 cleavage of a fluorogenic peptide substrate Mca-PLGL-Dpa-AR-NH2. The IC50 value is approximately 2.2 nM.

Disclaimer

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