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Human TIMP-2 Recombinant Protein (85-428)

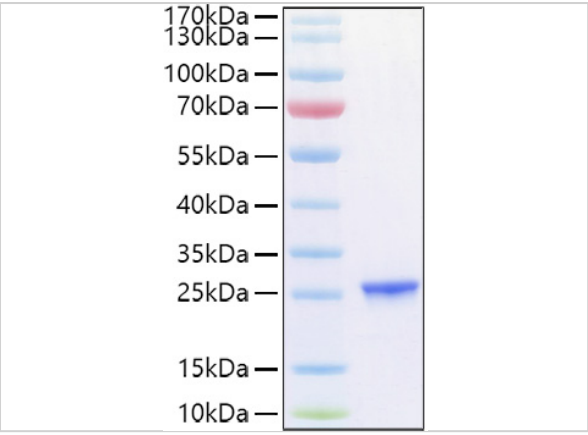
CATALOG NUMBER: 85-428

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	22.59 kDa
Biological Activity	1.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 2.5 nM.

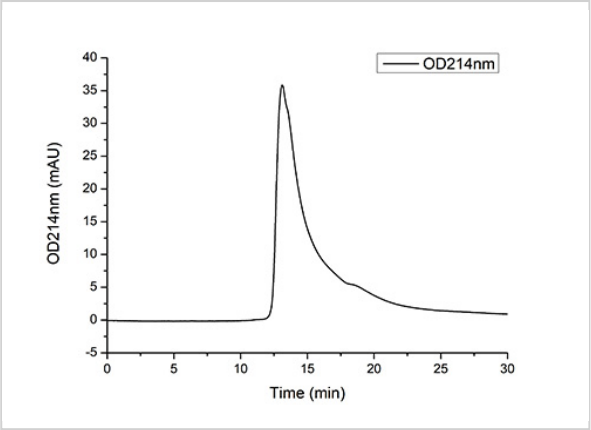
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.
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.



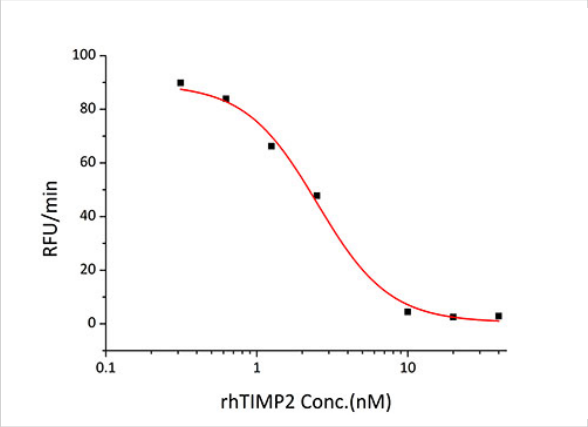
85-428_1

Recombinant Human TIMP-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-428_2

The purity of Human TIMP2/CSC-21K Protein (Cat.85-428) was greater than 95% as determined by SEC-HPLC.



85-428_3

Recombinant Human TIMP-2 inhibit human MMP-2 cleavage of a fluorogenic peptide substrate Mca-PLGL-Dpa-AR-NH2. The IC50 value is approximately 2.5 nM.

Disclaimer

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