

Product Datasheet

Human TIMP1 (HEK) protein orb428852

Description	Recombinant of human TIMP1 (HEK) protein
Reactivity	Human
Conjugation	Unconjugated
Target	TIMP1 (HEK)
Form/Appearance	Sterile Filtered White lyophilized (freeze-dried) powder. The TIMP1 protein was lyophilized after extensive dialysis against PBS.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Note	For research use only.
Purity	>95.0% as determined by SDS-PAGE.
Source	HEK293 Cells.
Activity	The IC50 of 2.5-4 nM is measured by its ability to inhibit recombinant human MMP-2 cleavage of the colorimetric peptide substrate, Mca-PLGL-DpaAR-NH2.
Solubility (25°C)	It is recommended to reconstitute the lyophilized TIMP1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.