TIMP-1 (human neutrophils)

Specific inhibitor of matrix metalloproteinases (MMPs). It has no activity on mammalian membrane metalloproteinases, procollagen peptidase or on bacterial metalloproteinases such as thermolysin.

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ALX-200-426-C005	5µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. TIMP-1 is very stable if stored at -80°C. It can be kept at -20°C for several months or +4°C for weeks without significant loss of activity.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	-20°C
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tissue inhibitor of metalloproteinase 1
Formulation	Liquid. In 50mM TRIS-HCl, pH 7.0, containing 200mM sodium chloride, 5mM $CaCl_2$, 1µM $ZnCl_2$, 0.05% BRIJ-35 and 0.05% sodium azide.
MW	~28kDa.
Purity	≥92% (SDS-PAGE, Western blot)
Source	Isolated from stimulated human neutrophils. The secreted protein consists of 184 amino acids, six disulfide bonds and two glycosylation sites containing N-linked oligosaccharides.
Technical Info / Product Notes	**Note:** It is recommended to perform a preincubation of ~20 min. at 37°C to allow formation of the enzyme-inhibitor complex.
UniProt ID	P01033

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