

PACO33736

Product Information

Size:

50ug

Reactivity:

Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Metalloproteinase inhibitor that functions by forming one to one complexes with target metalloproteinases, such as collagenases, and irreversibly inactivates them by binding to their catalytic zinc cofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14. Also functions as a growth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1. Plays a role in integrin signaling. Also stimulates steroidogenesis by Leydig and ovarian granuloma cells; procathepsin L is required for maximal activity.

Gene ID:

Timp1

Uniprot

P30120

Synonyms:

Metalloproteinase inhibitor 1 (Tissue inhibitor of metalloproteinases 1) (TIMP-1), Timp1, Timp-1

Immunogen:

Recombinant Rat Metalloproteinase inhibitor 1 protein (24-217AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A

N/A