



Recombinant Human Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) [His] (DAG-WT242)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant Human Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) is produced by Mammalian expression system and the target gene encoding Cys24-Ala207 is expressed with a 6His tag at the C-terminus.
Purity	> 95% , as determined by SDS-PAGE
Conjugate	His
Applications	Immunogen, calibrator / Standard
Molecular Weight	22kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at -20°C to -80°C

BACKGROUND

Introduction	TIMP metallopeptidase inhibitor 1, also known as TIMP1, a tissue inhibitor of
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metalloproteinases, is a glycoprotein that is expressed from several tissues of organisms. This protein is a member of the TIMP family. The glycoprotein is a natural inhibitor of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function.

Keywords TIMP metallopeptidase inhibitor 1; TIMP1; Matrix metalloproteinases

GENE INFORMATION

UniProt ID P01033
