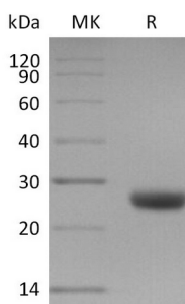


概述 (Summary)

英文全称	TIMP-1/Tissue Inhibitors of Metalloproteinases 1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Tissue Inhibitors Of Metalloproteinases 1 is produced by our Mammalian expression system and the target gene encoding Cys25-Arg205 is expressed.
Accession #	P12032
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	20.2 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse TIMP-1
Catalog #: PHM1659



背景 (Background)

分子别名 (Alternative Names)

Metalloproteinase Inhibitor 1; Erythroid-Potentiating Activity; EPA; Fibroblast collagenase Inhibitor; Collagenase Inhibitor; Tissue Inhibitor of Metalloproteinases 1; TIMP-1; TIMP1; CLGI; TIMP

背景介绍 (References)

Mouse Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) is a member of TIMP family. The homologous proteins of TIMPs regulate the activity of matrix metalloproteinases (MMPs), including inhibition of active MMPs, proMMP activation, cell growth promotion, matrix binding, inhibition of angiogenesis and the induction of apoptosis. Timp-1 complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. It also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. It is known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13, and MMP-16, without MMP-14.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.