

Recombinant Human TIMP3 protein ab159704

1 图像

描述	
产品名称	重组人TIMP3蛋白
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MTPWLGLIVLLGSWSLGDWGAEACTCSPSHPQDAFCNSDIVI RAKVVGKK LVKEGPFGLVYTIKQMKMYRGFTKMPHVQYIHTEASESLCG LKLEVNKY QYLLTGRVYDGKMYTGLCNFVERWDQLTLSQRKGLNYRYHLG CNCKIKSC YYLPCFVTSKNECLWTDMLSNGYPGYQSKHYACIRQKGGYC SWYRGWAP PDKSIINATDP
氨基酸	1 to 211
标签	GST tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab159704 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	ELISA Western blot
形式	Liquid
补充说明	

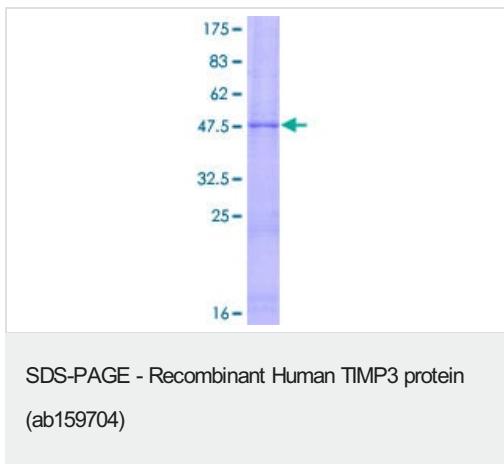
制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.
疾病相关	Defects in TIMP3 are the cause of Sorsby fundus dystrophy (SFD) [MIM:136900]. SFD is a rare autosomal dominant macular disorder with an age of onset in the fourth decade. It is characterized by loss of central vision from subretinal neovascularization and atrophy of the ocular tissues. Generally, macular disciform degeneration develops in the patients eye within 6 months to 6 years.
序列相似性	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



ab159704 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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