

Product datasheet

Recombinant human Endostatin protein ab52022

概述

产品名称	重组人Endostatin蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Pichia pastoris

氨基酸序列

种属	Human
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技术指标

Our [Abpromise guarantee](#) covers the use of **ab52022** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE
纯度	> 95 % SDS-PAGE. Greater than 98% as determined by SDS-PAGE and HPLC.
形式	Liquid
补充说明	For long-term storage, aliquot and keep desiccated below -20degC. Avoid freeze-thaw cycles.

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Preservative: None Endotoxin level is less than 0.1 ng/mg of Endostatin This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

功能	COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potently inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.
组织特异性	Present in multiple organs with highest levels in liver, lung and kidney.
疾病相关	Defects in COL18A1 are a cause of Knobloch syndrome (KNO) [MIM:267750]. KNO is an autosomal recessive disorder defined by the occurrence of high myopia, vitreoretinal degeneration with retinal detachment, macular abnormalities and occipital encephalocele.
序列相似性	Belongs to the multiplexin collagen family. Contains 1 FZ (frizzled) domain. Contains 1 TSP N-terminal (TSPN) domain.
翻译后修饰	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.
细胞定位	Secreted > extracellular space > extracellular matrix.

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