

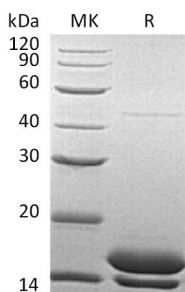
Product Name: Recombinant Human Elafin (C-6His)
Catalog #: PHH0569



概述 (Summary)

英文全称	Elafin/Trappin-2
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 Human Elafin is produced by our Mammalian expression system and the target gene encoding Ala23-Gln117 is expressed with a 6His tag at the C-terminus.
Accession #	P19957
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	11 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. 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)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	Elafin; Elastase-Specific Inhibitor; ESI; Peptidase Inhibitor 3; PI-3; Protease inhibitor WAP3; Skin-Derived Antileukoproteainase; SKALP; WAP Four-
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背景介绍 (References)

Disulfide Core Domain Protein 14; PI3; WAP3; WFDC14

Elafin is a secreted protein. Elafin consists of two domains: the transglutaminase substrate domain (cementoin moiety) and the elastase inhibitor domain. The transglutaminase substrate domain serves as an anchor to localize Elafin covalently to specific sites on extracellular matrix proteins. It is shown that Elafin can be used as a biomarker for graft versus host disease of the skin. Elafin is expressed in the skin during wound healing through activation of the epidermal growth factor receptor. Elafin may prevent elastase-mediated tissue proteolysis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.