

Product Name: Recombinant Human ANGPTL7 (C-10His)
Catalog #: PHH0065

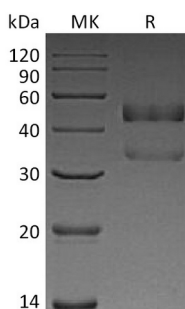


概述 (Summary)

英文全称	ANGPTL7/Angiopoietin-related Protein 7
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 Angiopoietin-related Protein 7 is produced by our Mammalian expression system and the target gene encoding Gln27-Pro346 is expressed with a 10His tag at the C-terminus.
Accession #	O43827
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	38.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 6% Trehalose, 4% Mannitol, 100mM NaCl, 0.05% Tween 80, pH6.0.
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)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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)

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背景 (Background)

分子别名 (Alternative Names)

Angiopoietin-related protein 7; Angiopoietin-like factor; Angiopoietin-like protein 7; Cornea-derived transcript 6 protein; ANGPTL7; CDT6

背景介绍 (References)

Angiopoietin-like 7 (ANGPTL7) is a secreted glycoprotein that is structurally related to the angiopoietins. Members of this protein family contain an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. ANGPTL7 shares 89% aa sequence identity with mouse and rat ANGPTL7. It is secreted as a 45-50kDa monomer that forms disulfide-linked homotrimers and tetramers via the coiled coil domain. ANGPTL7 is expressed in the corneal stroma, trabecular meshwork, and sclera and is elevated in glaucoma aqueous humor. Its production is up-regulated in trabecular meshwork cells by glucocorticoids and TGF- β and in cartilage by TNF- α . Overexpression of ANGPTL7 in trabecular meshwork cells inhibits the production of collagen and proteoglycans. When overexpressed in tumor cells it promotes collagen and proteoglycan deposition but inhibits tumor xenograft progression and tumor angiogenesis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.