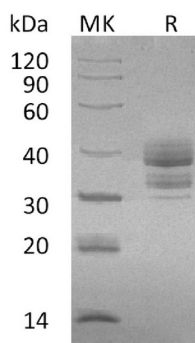


概述 (Summary)

英文全称	CGR11/CGREF1
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 Cell Growth Regulator With EF Hand Domain Protein 1 is produced by our Mammalian expression system and the target gene encoding Ala20-Ile301 is expressed with a 6His tag at the C-terminus.
Accession #	A0A4W8VYG7
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	30.9 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl ₂ , pH 7.5.
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 Human CGREF1 (C-6His)
Catalog #: PHH0401



背景 (Background)

分子别名 (Alternative Names)

Cell Growth Regulator with EF Hand Domain Protein 1; Cell Growth Regulatory Gene 11 Protein; Hydrophobestin; CGREF1; CGR11

背景介绍 (References)

Cell Growth Regulator with EF Hand Domain Protein 1 (CGREF1) is a secreted calcium ion binding protein. CGREF1 contains two EF-hand domains and both EF-hands are required for function. Human CGREF1 is synthesized as a 301 amino acid precursor that contains a 19 amino acid signal sequence, and a 282 amino acid mature chain. CGREF1 is probably digested extracellularly by an unknown serine protease generating extremely hydrophobic bioactive peptides. CGREF1 mediates cell-cell adhesion in a calcium-dependent manner. In addition, CGREF1 is able to inhibit growth in several cell lines.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.