

产品名称: Recombinant Human REG1A (C-6His)
产品货号: PHH1419

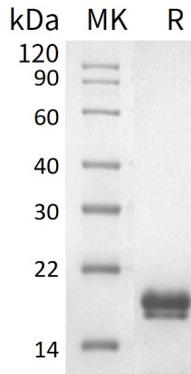


概述 (Summary)

英文全称	Reg1A/Lithostathine-1-alpha
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 Regenerating Islet-Derived Protein 1-alpha is produced by our Mammalian expression system and the target gene encoding Gln23-Asn166 is expressed with a 6His tag at the C-terminus.
Accession #	P05451
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	17.31 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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)

Lithostathine-1-Alpha; Islet Cells Regeneration Factor; ICRF; Islet of Langerhans Regenerating Protein; REG; Pancreatic Stone Protein; PSP; Pancreatic Thread Protein; PTP; Regenerating Islet-Derived Protein 1-Alpha; REG-1-Alpha; Regenerating Protein I Alpha; REG1A; PSPS; PSPS1; REG

背景介绍 (References)

Regenerating Islet-Derived Protein 1- α (REG1A) belongs to the Reg family of secreted proteins with a C-type lectin domain. REG1A is highly expressed levels in fetal and infant brains, much lower in adult brains. REG1A promotes the maintenance and growth of pancreatic islet cells and intestinal villi. In addition to, REG1A might act as an inhibitor of spontaneous calcium carbonate precipitation and be associated with neuronal sprouting in brain, and with brain and pancreas regeneration.

注意事项 (Note)

For research use only .