

Fractalkine/CX3CL1 (C-6His), Mouse, Recombinant**Cat. No. : GPCK233****产品信息**

物种	Mouse
表达宿主	Human Cells
序列信息	Gln25-Arg337
检索号	O35188
标签	C-6His
分子量	34.3 kDa
有效期	12 months

产品特性

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-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 -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Fractalkine (CX3CL1) is a single-pass type I membrane Protein and belongs to the intercrine delta family. It consists of an extracellular NH2-terminal domain, a mucin-like stalk, a transmembrane α helix, and a short cytoplasmic tail. CX3CL1 exists in two forms: as a membrane-anchored or as a shed 80-95K glyco Protein. Soluble CX3CL1 is generated by limited proteolysis on the cell surface, and a disintegrin and metalloproteinase 10 (ADAM10) and ADAM17/tumor necrosis factor-α-converting enzyme (ADAM17/TACE) participate in this shedding. It has been suggested that ADAM10 acts in the constitutive shedding, and ADAM17 acts in response to cell activation. The Protein may play a role in regulating leukocyte adhesion and migration processes at the endothelium.

