

CXCL9/SCYB9, Human, Recombinant**Cat. No. : GPCK287****产品信息**

物种	Human
表达宿主	E.coli
序列信息	TPVVRKGRCSISTNQGTIHLQSLKDLKQFAPSPSCEKIEIATLKNGVQTCLNPDSADVKELIK KWEKQVSQKKKQKNGKKHQKKVVKVRKSQRSRQKKTT with polyhistidine tag at the N-terminus.
检索号	Q07325.1
标签	His-tag at the N-terminus
分子量	12.53 kDa
有效期	12 months
生物活性	Measure by its ability to chemoattract BaF3 cells transfected with mouse CXCR3. The ED50 for this effect is < 0.5 µg/mL.

产品特性

内毒素 (EU/µg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1 × PBS, pH 7.4.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

CXCL9, also named Monokine, is a member of the CXC chemokine family and is induced by gamma interferon (MIG). Following induced by IFN-gamma, this chemokine can attract T-cells. CXCL9 has close relationship with two other CXC chemokines named CXCL10 and CXCL11, additionally they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 is also a cytokine that affects the growth, movement, or activation state of cells participating in immune and inflammatory response and work as a chemoattractant of activated T-cells.

