

PRODUCT INFORMATION

CXCL9 (C-X-C motif chemokine 9), Mouse

Catalog number	C02079-5UG / C02079-20UG / C02079-100UG
Package	5 µg / 20 µg / 100 µg
Description	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.
Source	<i>Escherichia coli</i>
Sequence	TLVIRNARCSCISTSRGTHYKSLKDLKQFAPSPNCNKTEIIATLKNQDQTCLDPD SANVKKLMKEWEKKINQKKKQKRGKKHQKNMKNRKPQSRRRSRKTT with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to chemoattract BaF3 cells transfected with mouse CXCR3. The ED ₅₀ for this effect is <0.3 µg/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse CXCL9

For Research Use Only.