Recombinant Rhesus Macaque C-X-C motif chemokine 13 (rRhCXCL13)

ChemWhat Technical Data Sheet (TDS)

Catalog Number:	211-13
Source:	*Escherichia coli.*
Molecular Weight:	Approximately 10.3 kDa, a single non-glycosylated polypeptide chain containing 87 amino acids.
Quantity:	5μg /25μg /1000μg
AA Sequence:	VLEVYYTHLR CRCVQESSVF IPRRFIDRIQ ISPRGNGCPR KEIIVWKKNK SVVCVDPQAE WIQRIMEMLR KKSSSTPPVP VFKRKIP
Purity:	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity:	Data not available.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 μm filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 300mM NaCl.
Endotoxin:	Less than 0.01 EU/μg of rRhCXCL-13 as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. **NOT FOR HUMAN USE**.

Rhesus Macaque C-X-C motif chemokine -13/CXCL-13

CXCL-13 is a member of the CXC homeostatic functional group of chemokines, and its function through receptor-CXCR-5. CXCL-13 was originally known as B-lymphocyte chemoattractant, localized to the germinal centers of lymphoid follicles in lymph nodes, spleen, and Peyer's patches, and expressed in secondary lymphoid organs. CXCL-13 directs trafficking of B cells, follicular B helper T cells, and subsets of dendritic cells to lymphoid follicles. CXCL-13 were reported to play a role in the formation of the gut-associated lymphoid tissues and in the formation of irregular lymphoid aggregates of the diseased gut.

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