CXCL16 Mouse Recombinant

Item Number	rAP-0125
Synonyms	C-X-C motif chemokine 16, Small-inducible cytokine B16, Transmembrane chemokine CXCL16, Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein, SR-PSOX, Cxcl16, Srpsox, Zmynd15, AV290116, BB024863, 0910001K24Rik.
Description	CXCL16 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 88 amino acids and having a molecular mass of 9.9kDa. The CXCL16 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8BSU2
Amino Acid Sequence	NQGSVAGSCS CDRTISSGTQ IPQGTLDHIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCFER KECGTGHGKS FHHQKHLP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized CXCL16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL16 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The protein was lyophilized from a concentrated (1.0mg/ml) solution in 20mM PB, pH 7.4, 50mM NaCl. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized CXCL16 Mouse in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Determined by its ability to chemoattract murine lymphocytes using a concentration range of 100-1000ng/ml corresponding to a Specific Activity of 1,000-10,000IU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only