



Mouse Ccl3 peptide (DAG288)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant mouse MIP-1a is a single, non-glycosylated polypeptide chain containing 69 amino acids and having a molecular weight of 7820 Da. The sequence of the first five N-terminal amino acids was determined to be Ala-Pro-Tyr-Gly-Ala. Contains less than 1%
Antigen Description	Chemokine (C-C motif) ligand 3 (CCL3) is a protein that in humans is encoded by the CCL3 gene. CCL3, also known as Macrophage inflammatory protein-1α (MIP-1α), is a cytokine belonging to the CC chemokine family that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes (Wolpe et al., 1988). Sherry et al. (1988) demonstrated 2 protein components of MIP1, called by them alpha and beta.
Species	Mouse
Conjugate	Unconjugated
Applications	The activity is calculated by the ability to chemoattract Balb3/c splenocytes using a concentration of 1–10 ng/ml. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use
Format	Purified, Lyophilized. Reconstitute using sterile deionized water to a concentration ≥100 µg/ml. Further dilutions can be made in other aqueous buffers.
Concentration	Lot specific (prior to lyophilization)
Buffer	Not applicable
Preservative	None
Storage	2–8°C short term, –20°C long term

BACKGROUND

Introduction	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to CCL3. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind selectively to a specific antigen like a whole antibody.
Keywords	CCL3; chemokine (C-C motif) ligand 3; SCYA3, small inducible cytokine A3 (homologous to mouse Mip 1a); C-C motif chemokine 3; G0S19 1; LD78ALPHA; MIP 1 alpha; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alp

GENE INFORMATION

Entrez Gene ID	6348
UniProt ID	A0N0R1