ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Macrophage Inflammatory Protein-1 Gamma Mouse Recombinant

Item Number	rAP-0223
Synonyms	CCL9/10, MRP2, CCF18.
Description	MIP-1 gamma Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 101 amino acids and having a molecular mass of 11.6 kDa. The MIP-1 gamma is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P51670
Amino Acid Sequence	QITHATETKE VQSSLKAQQG LEIEMFHMGF QDSSDCCLSY NSRIQCSRFI GYFPTSGGCT RPGIIFISKR GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized MIP-1 gamma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL9/10 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 MIP-1 gamma was lyophilized from 1xPBS solution pH-7.4. 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 MIP-1 gamma in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Defined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10 ng/ml, corresponding to a Specific Activity of 10,000-100,000IU/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

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