

Rantes Mouse Recombinant (CCL5)

Item Number	rAP-0253
Synonyms	Small inducible cytokine A5, CCL5, T-cell-specific RANTES protein, SIS-delta, T cell- specific protein P228, TCP228, chemokine (C-C motif) ligand 5, SISd, SCYA5, RANTES, D17S136E, MGC17164.
Description	Rantes Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 68 amino acids and having a molecular mass of 7.8kDa. The Mouse Rantes is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P30882
Amino Acid Sequence	SPYGSDTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRNQVC ANPEKKWWQE YINYLEMS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Mouse Rantes although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse CCL5 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	Filtered (0.2µm) and lyophilized from a solution in 2×PBS, pH7.4. 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 Rantes in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity is determined by the ability to chemoattract total human lymphocytes population at a concentration between 1-10ng/ml.
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**