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Product Datasheet

Recombinant Mouse CCL9 EBT-EPT214

Article Name	Recombinant Mouse CCL9
Biozol Catalog Number	EBT-EPT214
Supplier Catalog Number	EPT214
Alternative Catalog Number	EBT-EPT214-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse C-C Motif Chemokine 9 is produced by our E.coli expression system and the target gene encoding Gln22-Gln122 is expressed....
Molecular Weight	Molecular weight: 11.6 KDa. Apparent molecular weight: 15 KDa, reducing conditions
UniProt	P51670
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Background: C-C motif chemokine 9(CCL9) is an 11 kDa, secreted, monomeric polypeptide that belongs to the beta (or CC) intercrine family of chemokines. It is expressed mainly in the liver, lung, and the thymus, although some expression has been detected in a wide variety of tissues except brain. Monokine has inflammatory, pyrogenic and chemokinetic properties. It circulates at high concentrations in the blood of healthy animals. Binding to a high-affinity receptor, it activates calcium release in neutrophils. It also inhibits colony formation of bone marrow myeloid immature progenitors. CCL9 can activate osteoclasts through its receptor CCR1 (the most abundant chemokine receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption