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Product Datasheet

Recombinant Human CXCL12 (72AA) EBT-EPT016

Artikelname	Recombinant Human CXCL12 (72AA)
Artikelnummer	EBT-EPT016
Hersteller Artikelnummer	EPT016
Alternativnummer	EBT-EPT016-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human C-X-C Motif Chemokine 12 is produced by our E.coli expression system and the target gene encoding Lys22-Met93 is expressed....
Molekulargewicht	Molecular weight: 8.53 KDa. Apparent molecular weight: 8 KDa, reducing conditions
UniProt	P48061
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Stromal Cell-Derived Factor-1 (SDF-1) is a chemokine member of the intercrine family. SDF1 is expressed as five isoforms that differ only in the C terminal tail. SDF1alpha and SDF1beta are identical except for the four residues present in the C-terminus of SDF1beta but absent from SDF1alpha. SDF1 isoforms interact with CXCR4 and CXCR7 receptors on the cell surface, and can also bind syndecan4. SDF1 is known to influence lymphopoiesis, regulate patterning and cell number of neural progenitors, and promote angiogenesis. It also enhances the survival of myeloid progenitor cells