

Active Recombinant Human/Feline CXCL12

Cat. No. CXCL12-442H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Feline CXCL12 (Accession # BAA28602) Ser19-Met93 was produced in E. coli-derived.
Species	Human/Feline
Source	E.coli
ProteinLength	19-93 a.a.
Predicted N Terminal	Ser19
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CXCR4. The ED50 for this effect is typically 0.15 - 0.6 µg/mL.
Molecular Mass	Recombinant Human/Feline CXCL12 has a calculated MW of 8.8 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine

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