

Recombinant Human Stromal-Cell Derived Factor-1 gamma/CXCL12 gamma

#R00368

Size: 10 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

GKPVSLSYRCPCRFFESHVARANVKHLKILNTPNCAL
QIVARLKNNNRQVCIDPKLKWIQEYLEKALNKGREE
KVGKKEKIGKKKRQKKRKAQAQRKN

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	P48061
GeneID	6387
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 11.6 kDa, a single non-glycosylated polypeptide chain containing 99 amino acid residues.
Purity	> 96 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using PHA and rHuIL-2 activated human peripheral blood T-lymphocytes is in a concentration range of 30-100

Physical Appearance Formulation	ng/ml. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rHuSDF-1γ/CXCL12γ as determined by LAL method.