



Recombinant Human Stromal cell-derived factor 1 (CXCL12), partial (Active)

Product Code	CSB-AP000761HU
Abbreviation	Recombinant Human CXCL12 protein, partial (Active)
Uniprot No.	P48061
Storage Buffer	0.2 μm filtered PBS, pH 7.4 ,lyophilized
Product Type	Chemokines
Immunogen Species	Homo sapiens (Human)
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 ng/ml.
Purity	≥96% as determined by SDSPAGE.
Sequence	GKPVLSYRC PCRFFESHVA RANVKHLKIL NTPNCALQIV ARLKNNNRQV CIDPKLKWIQ EYLEKALNKG RREEKVGKKE KIGKKKRQKK RKAQKRKN
Research Area	Immunology
Source	E.Coli
Target Names	CXCL12
Expression Region	21-119aa
Tag Info	Tag-Free
Mol. Weight	11.6 kDa
Protein Length	Partial of Isoform Gamma
PubMed ID	7490086; 16626895; 14702039; 16344560; 15164054; 15489334; 8752281; 9427609; 10446158; 11069075; 11859124; 14525775; 16107333; 15741341; 16725153; 18802065; 19255243; 22457824; 9384579; 9618518; 10954912; 15588815; 17264079; 17357154; 18799424; 19551879;

Image



**Endotoxin**

Less than 1.0 EU/ μ g as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.