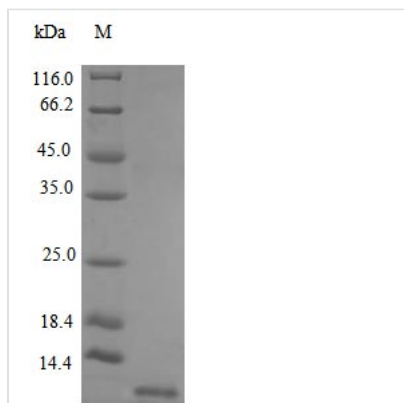




Recombinant Human Stromal cell-derived factor 1 protein (CXCL12) (Active)

Product Code	CSB-AP000741HU
Uniprot No.	P48061
Storage Buffer	20 mM PB pH 7.0, 130 mM NaCl
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 rHulL-2 activated human peripheral blood T-lymphocytes is in a concentration range of 20-80 ng/ml.
Purity	>97% as determined by SDS-PAGE.
Sequence	KPVLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK
Research Area	Immunology
Source	E.Coli
Target Names	CXCL12
Expression Region	22-89aa
Tag Info	Tag-Free
Mol. Weight	8.0 kDa
Protein Length	Full Length of Mature Protein of Isoform Alpha
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/μg 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.