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Datasheet for ABIN1112377  
**CXCL12 Protein**

### Overview

Quantity:	10 µg
Target:	CXCL12
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

### Product Details

Sequence:	KPVLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK.
No Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Characteristics:	Determined by its ability to chemoattract human peripheral T cells activated with PHA and IL-2 using a concentration of 20-80 ng/ml.
Purity:	> 95 % as determined by SDS-PAGE analysis.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: 1.EU/µg determined by LAL method.

### Target Details

Target:	CXCL12
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## Target Details

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Alternative Name:	SDF-1 alpha ( <a href="#">CXCL12 Products</a> )
Molecular Weight:	8 kDa.
Pathways:	<a href="#">Regulation of Cell Size</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

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Comment:	Length: 68 AA
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	We recommended spin the vial shortly prior to opening to bring the contents to the bottom. Lyophilized hSDF-1alpha should be reconstituted in deionized water to 0,1-1 µg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.
Storage:	-20 °C