

## XCL2/SCM-1 beta Protein, Human (sf9, His)

Cat. No.:	HY-P74461
Synonyms:	Cytokine SCM-1 beta; C motif chemokine 2; XCL2; SCYC2
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9UBD3 (M1-G114)
Gene ID:	6846
Molecular Weight:	18-20 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% Glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	An alignment of the XCL1 and XCL2 amino acid sequences illustrates their high similarity. The human proteins differ at only two sequence positions, 7DK8 and 7HR8 in XCL1 and XCL2, respectively. XCL2 is constitutively expressed by unstimulated natural killer (NK) cells and to a lesser extent by inactive CD8 <sup>+</sup> T cells <sup>[1]</sup> .
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### REFERENCES

[1]. Jamie C Fox, et al. Structural and agonist properties of XCL2, the other member of the C-chemokine subfamily. Cytokine. 2015 Feb;71(2):302-11.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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