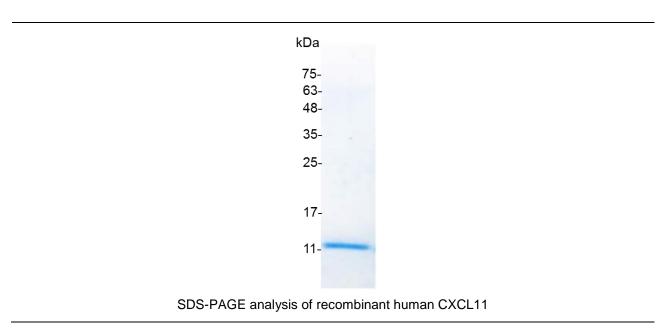
PRODUCT INFORMATION

CXCL11 (C-X-C motif chemokine 11), Human

Catalog number	C01136-5UG / C01136-20UG / C01136-100UG
Catalog number	C01130-30G / C01130-200G / C01130-1000G
Package	5 μg / 20 μg / 100 μg
Description	CXCL11 has functional and structural relationship with CXCL9 and CXCL10. This CXC chemokine lacks a ELR (Glutamate-Leucine-Arginine) tripeptide motif Similar to CXCL9 and CXCL10, CXCL11 can specifically bind to the G protein-coupled receptor CXCR3 and involve in chemotaxis of immune cells and angiogenesis. Expression of both CXCR3 and CXCL11 by The Th1-associated cytokine IFNy can express both CXCR3 and CXCL11 and create an amplification loop of cell-mediated immune response between Th1 cells.
Source	Escherichia coli
Sequence	FPMFKRGRCLCIGPGVKAVKVADIEKASIMYPSNNCDKIEVIITLKENKGQRCLN PKSKQARLIIKKVERKNF with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR3. The ED_{50} for this effect is <4 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 100 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



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