

Datasheet for ABIN7274442

CXCL13 Protein (AA 23-109) (His-SUMO Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CXCL13
Protein Characteristics:	AA 23-109
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL13 protein is labelled with His-SUMO Tag.

Product Details

Purpose:	Human CXCL13/BCA-1 Protein
Sequence:	Val23-Pro109
Characteristics:	Recombinant Human CXCL13/BCA-1 Protein is expressed from E.coli with His tag and Sumo tag at the N-Terminus.It contains Val23-Pro109.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-CXCL13 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human CXCL13, His Tag with the EC50 of 0.54µg/ml determined by ELISA. See testing image for detail.

Target Details

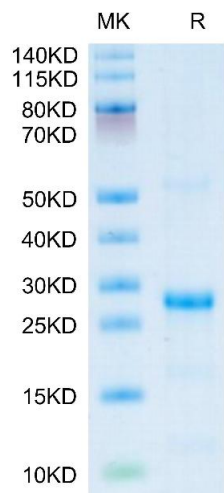
Target:	CXCL13
Alternative Name:	CXCL13 (CXCL13 Products)
Background:	Recent studies have implicated chemokines in microglial activation and pathogenesis of neuropathic pain. C-X-C motif chemokine 13 (CXCL13) is a B lymphocyte chemoattractant that activates CXCR5. Using the spinal nerve ligation (SNL) model of neuropathic pain, CXCL13 was persistently upregulated in spinal cord neurons after SNL, resulting in spinal astrocyte activation via CXCR5 in mice.
Molecular Weight:	22.9 kDa. The protein migrates to 26-28 kDa based on Tris-Bis PAGE result.
UniProt:	O43927

Application Details

Restrictions:	For Research Use only
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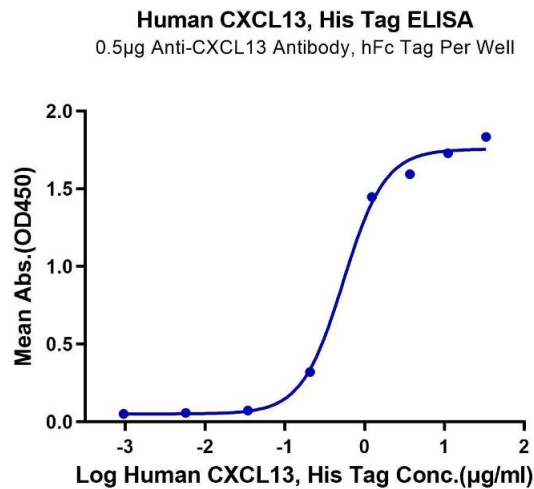
Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 0.1M Glycine, 0.3M NaCl, 0.2M L-arginine, 10 % Glycerol (pH 3.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human CXCL13 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



ELISA

Image 2. Immobilized Anti-CXCL13 Antibody, hFc Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Human CXCL13, His Tag with the EC50 of 0.54 µg/mL determined by ELISA.