

Product datasheet

Recombinant human CX3CL1 protein ab9820

Description

Product name	Recombinant human CX3CL1 protein
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	42 kDa

Specifications

Our [Abpromise guarantee](#) covers the use of **ab9820** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE
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Form	Lyophilized
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Additional notes	The biological activity of this product is determined by its ability to chemoattract human T-lymphocytes using a concentration range of 5.0-10.0 ng/ml.
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Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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n/a

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.
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General Info

Function	The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane-
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bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium. Binds to CX3CR1.

Tissue specificity

Small intestine, colon, testis, prostate, heart, brain, lung, skeletal muscle, kidney and pancreas.

Sequence similarities

Belongs to the intercrine delta family.

Post-translational modifications

A soluble short 95 kDa form may be released by proteolytic cleavage from the long membrane-anchored form.

O-glycosylated with core 1 or possibly core 8 glycans.

Cellular localization

Secreted and Cell membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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