

Product datasheet

Synthetic Mouse CX3CL1 protein ab175170

Description

Product name	Synthetic Mouse CX3CL1 protein	
Expression system	Synthetic	
Accession	O35188	
Protein length	Protein fragment	
Animal free	No	
Nature	Synthetic	
Species	Mouse	
Sequence	Pyr- HLGMTKCEIMCDKMTSRIPVALLIRYQLNQESCGKRAMLE TTQHR RFCADPKEKWWQDAMKHLDHQAA ALTKNG	
Predicted molecular weight	9 kDa	
Amino acids	26 to 100	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab175170** in the following tested applications.

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

Applications	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Constituent: Water

Lyophilized from water/acetonitrile/TFA to generate the TFA salt form.

Reconstitution It is recommended vials be centrifuged prior to opening. Water can be used to prepare stock solutions of 20 µmol.L-1. Stock solutions with up to 30% DMSO/water can also be prepared.

General Info

Function	The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane-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.

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