

Product datasheet

Recombinant Mouse CXCL16 protein ab185839

Description

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|--|---|
| Product name | Recombinant Mouse CXCL16 protein |
| Purity | > 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. |
| Endotoxin level | < 1.000 Eu/μg |
| Expression system | Mammalian |
| Accession | <u>Q8BSU2</u> |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Mouse |
| Sequence | NQGSVAGSCSCDRTISSGTQIPQGTLDHIRKYLKAFHRCPP FIRFQLQSK SVCGGSQDQWVRELVDCFERKECGTGHGKSFHHQKHL PQASTQTPEAAEG TPSDTSTPAHSQSTQHSTLPSGALSLNKEHTQPWEMTTL PSGYGLEARPE AEANEKQQDDRQQEAPGAGASTPAWVDHHHHHH |
| Predicted molecular weight | 20 kDa including tags |
| Amino acids | 27 to 201 |
| Tags | His tag C-Terminus |
| Additional sequence information | Extracellular domain. |

Specifications

Our **Abpromise guarantee** covers the use of **ab185839** in the following tested applications.

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

| | |
|---------------------|------------------|
| Applications | SDS-PAGE HPLC |
| Form | Lyophilized |

Preparation and Storage

Stability and Storage Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Reconstitute for long term storage.

pH: 7.40
Constituent: 100% PBS

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 3X PBS. Please aliquot the reconstituted solution

General Info

Function Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.

Tissue specificity Expressed in T-cell areas. Expressed in spleen, lymph nodes, lung, kidney, small intestine and thymus. Weak expression in heart and liver and no expression in brain and bone marrow.

Sequence similarities Belongs to the intercrine alpha (chemokine CxC) family.

Post-translational modifications Glycosylated.

Cellular localization Cell membrane. Secreted. Also exists as a soluble form.

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

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