

Fractalkine/CX3CL1 Protein, Canine (HEK293, Fc)

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| Cat. No.: | HY-P75778 |
| Synonyms: | Fractalkine; CX3CL1; FKN; SCYD1; Neurotactin; NTT |
| Species: | Canine |
| Source: | HEK293 |
| Accession: | H1ADY9 (M1-R379) |
| Gene ID: | 487265 |
| Molecular Weight: | 70-100 kDa |

PROPERTIES

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| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | Fractalkine/CX3CL1 protein is a member of the intercrine beta (chemokine CC) family, positioning it within a category of chemokines with pivotal roles in intercellular communication and immune responses. As part of the intercrine beta family, Fractalkine/CX3CL1 likely plays a significant role in modulating inflammatory processes and cellular interactions. Further exploration is essential to uncover the specific functions and implications of Fractalkine/CX3CL1 within the broader framework of the chemokine CC family, shedding light on its importance in mediating immune responses and contributing to the intricate network of intercellular signaling. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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