

Fractalkine/CX3CL1 Protein, Canine (HEK293, His)

Cat. No.:	HY-P75779
Synonyms:	Fractalkine; CX3CL1; FKN; SCYD1; Neurotactin; NTT
Species:	Canine
Source:	HEK293
Accession:	H1ADY9 (M1-G100)
Gene ID:	487265
Molecular Weight:	Approximately 38.9 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m 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/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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

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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