

CX3C chemokine receptor 1, Antibody

C-X3-C CKR-1, CX3CR1, Fractalkine receptor, G-protein coupled receptor 13, V28, Beta chemokine receptor-like 1, CMK-BRL-1, CMKBLR1



Catalog Number: 15-288-21051

SwissProt Accession #: P49238

CX3C1_HUMAN

NCBI Accession #: NP_001328.1

GI #: 4503171

Immunogen Sequence Position: 1-38

Length (aa): 355

Mol. Weight (Da): 40396



Linear Protein Map with Immunogenic Epitope Marked
(sequence source from above GI#)

Source: Chicken

Purity: Immunoaffinity Purified

Clonality: Polyclonal

Crossreactivity: Human

Format: Phosphate-Buffered Saline. No preservatives added.

Storage: 4°C for short term (weeks) and -20°C for long term. Avoid frequent freeze and thaw.

Stability: 6-12 months at -20°C.

Shipping: Products may be shipped on ice pack.

Precautions: This product is for *in vitro* research use only. Not for use in diagnostic or therapeutic procedures.

Important Notes: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

APPLICATIONS:

Western Blot	Tested
ELISA, ICC, IHC	Not Tested

TESTING: (secondary reagents and protocols)

Not Available

TARGET DESCRIPTION:

FUNCTION: Receptor for the CX3C chemokine fractalkine and mediates both its adhesive and migratory functions. Acts as coreceptor with CD4 for HIV-1 virus envelope protein (in vitro). Isoform 2 and isoform 3 seem to be more potent HIV coreceptors than isoform 1.

SIMILARITY: Belongs to the G-protein coupled receptor 1 family [view classification].

OMIM: 601470; gene. [NCBI / EBI]
609423; phenotype. [NCBI / EBI]

CATEGORIES RELATED TO TARGET PROTEIN:

TISSUES: Monocytes, Leukocyte, Macrophage, Blood Cells, Lymphocytes, Spleen, T-Cell, Tumor Cells, Smooth Muscle, Serum, Dendritic Cell, Aortic Smooth Muscle, Aorta, Bone Marrow, Intestinal Mucosa, Intestinal Epithelium, Intestine, Forebrain, Lungs, Gastrointestinal Tract

more... Microglia, Peripheral Blood, Neuron

PROTEIN FUNCTIONS: G-Protein Coupled Receptors, Receptors, Immunologic, Receptors, Cytokine, Receptors, G-Protein-Coupled, Protein Biosynthesis, Cytokines, Chemokines, Antigens, Surface, Antigens, Differentiation, Interleukins, Chemotaxis, Immunoglobulins, Lipopolysaccharide Biosynthesis, Tumor Necrosis Factors, Serum Globulins

DISEASES: Fungi, Autoimmune Disease, Arthritis, Joint Diseases, Salmonella, Salmonella Typhimurium, Lung Diseases, Viral Diseases, Neoplasm

BACKGROUND REFERENCES:

[1] Simeoni, E., et al. CCR5, RANTES and CX3CR1 polymorphisms: p...

[2] Singh, K.K., et al. Genetic polymorphisms in CX3CR1 predict ...

[3] Niessner, A., et al. Opposite effects of CX3CR1 receptor poly...

[4] Muhlbauer, M., et al. Lack of association between the function...

[5] Lavergne, E., et al. Adverse associations between CX3CR1 poly...

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