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Datasheet for ABIN2017730 CXCL3 Protein (AA 28-100)

Overview

Quantity:	50 µg
Target:	CXCL3
Protein Characteristics:	AA 28-100
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Characteristics:	The EC50 value of mouse DCIP-1/CXCL3 on Ca ²⁺ mobilization assay in CHO-K1/Ga15/mCXCR2 cells (human Ga15 and mouse CXCR2 stably expressed in CHO-K1 cells) is less than 100 ng/mL.
Purity:	> 98 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

Target Details

Target:	CXCL3
Alternative Name:	DCIP-1/CXCL3 (CXCL3 Products)
Background:	Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as DCIP-1 (dendritic cell inflammatory protein-1) or MIP 2b. CXCL3 controls migration and adhesion of monocytes and mediates its effect on its target cell by

Target Details

interacting with cell surface chemokine receptor CXCR2. It has been shown that CXCL3 regulates the migration of precursors of cerebellar granule neurons toward the internal layers of cerebellum, during morphogenesis. Recombinant mouse DCIP-1/CXCL3 produced in CHO cells is a polypeptide chain containing 73 amino acids. A fully biologically active molecule, rmDCIP-1/CXCL3 has a molecular mass of 8 kDa analyzed by reducing SDS-PAGE.

Synonyms: DCIP-1/CXCL3, Mouse

Molecular Weight: 8 kDa, observed by reducing SDS-PAGE.

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH₂O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Mouse DCIP-1/CXCL3 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Mouse DCIP-1/CXCL3 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months