

Product Datasheet

RecombinantDCIP-1/CXCL3,Mouse (orb1494755)

Description	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 MIP2b. CXCL3 controls migration and adhesion of monocytes and mediates its effect on its target cell by 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 and is obtained by chromatographic techniques at GenScript.
Endotoxins	< 0.2 EU/μg, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	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.
Note	For research use only
Application notes	Reconstituted in ddH2O or PBS at 100 μg/ml.
Protein Sequence	AVVASELRCQCLNTLPRVDFETIQSLTVTPPGPHCTQTEVIATLKDGQEVCLNPQGPRQLQIIK KILKSGKSS
Purity	> 98% as analyzed by SDS-PAGE.
Source	CHO
MW	8 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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