

IP-10/CXCL10

Catalog # PVGS1188

Product Information

Primary Accession Species	Q548V9 Mouse
Sequence	Ile22-Pro98
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC
Endotoxin Level Biological Activity	Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human peripheral blood lymphocytes is in a concentration range of 0.1-10.0 ng/ml in the presence of IL-2.
Expression System	E. coli
Theoretical Molecular Weight	8.7 kDa
Formulation Reconstitution	Lyophilized from a 0.2 μ m filtered solution in 2 \times PBS, pH 7.4. It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background	TAFA-2 also named FAM19A2 belongs to the TAFA family of chemokinelike proteins. Like other members of the FAM19/TAFA family, with the exception of TAFA5, mature TAFA1 to 4 contain 10 regularly spaced cysteine residues. Human TAFA2 is 97% aa identical to mouse TAFA2. TAFA2 expression can be detected in the central nervous system (CNS), colon, heart, lung, spleen, kidney, and thymus, but its expression in the CNS is 50 to 1000fold higher than in other tissues. Within the CNS, TAFA2 expression is highest in the occipital and frontal cortex (3 to 10fold more abundantly expressed than in other cortical regions) and medulla. The biological functions of TAFA family members remain to be determined, but there are a few tentative hypotheses.
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Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.