

# IP-10/CXCL10

Catalog # PVGS1188

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q548V9</a> Mouse
<b>Sequence</b>	Ile22-Pro98
<b>Purity</b>	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC
<b>Endotoxin Level Biological Activity</b>	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.
<b>Expression System</b>	E. coli
<b>Theoretical Molecular Weight</b>	8.7 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.2 $\mu$ 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.
<b>Storage &amp; Stability</b>	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

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<b>Target Background</b>	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

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