

Bioactive

HuPro®

## Cxcl2 (Mouse) Recombinant Protein

Catalog # P7516

Size 5 ug

### Specification

<b>Product Description</b>	Mouse Cxcl2 (P10889, 28 a.a. - 100 a.a.) partial recombinant protein expressed in HEK293 cell.
<b>Sequence</b>	AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGGQKVCLDPEAPLVQKIIQKILNKGKAN
<b>Host</b>	Mammals
<b>Theoretical MW (kDa)</b>	7.8
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
<b>Activity</b>	The ED <sub>50</sub> was determined on Ca <sup>2+</sup> mobilization assay in CHO-K1/mCXCR2 (mouse CXCR2 stably expressed in CHO-K1 cells) is < 200.0 ng/mL.
<b>Recommend Usage</b>	Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 ug/mL.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Storage Instruction</b>	Upon reconstitution, store at 4°C for up to 1 week or store at -20°C up to 3 months. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study
- SDS-PAGE

## Gene Info — Cxcl2

**Entrez GeneID** [20310](#)**Protein Accession#** [P10889](#)**Gene Name** Cxcl2**Gene Alias** CINC-2a, GROb, Gro2, MIP-2, MIP-2a, Mgsa-b, Mip2, Scyb, Scyb2**Gene Description** chemokine (C-X-C motif) ligand 2**Gene Ontology** [Hyperlink](#)**Gene Summary** member 2**Other Designations** small inducible cytokine subfamily, member 2