Bioactive HuPro®

Cxcl2 (Mouse) Recombinant Protein

Catalog # P7516 Size 5 ug

Specification

Product Description	Mouse Cxcl2 (P10889, 28 a.a. - 100 a.a.) partial recombinant protein expressed in HEK293 cell.
Sequence	AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGGQKVCLDPEAPLVQKIIQKIL NKGKAN
Host	Mammals
Theoretical MW (kDa)	7.8
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Activity	The ED_{50} was determined on Ca^{2+} mobilization assay in CHO-K1/mCXCR2 (mouse CXCR2 stably expressed in CHO-K1 cells) is < 200.0 ng/mL.
Recommend Usage	Reconstitute the lyophilized powder in ddH?O or PBS up to 100 ug/mL.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Storage Instruction	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

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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

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