Bioactive HuPro®

Ccl3 (Mouse) Recombinant Protein

Catalog # P7473 Size 5 ug

Specification

Product Description	Mouse Ccl3 (Q5QNW0, 24 a.a. - 92 a.a.) partial recombinant protein expressed in HEK293 cells.
Sequence	APYGADTPTACCFSYSRKIPRQFIVDYFETSSLCSQPGVIFLTKRNRQICADSKETWVQEYITDLELNA
Host	Human
Theoretical MW (kDa)	~ 7.8
Form	Lyophilized
Preparation Method	Mammalian cell (HEK 293) expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	EC_{50} of mouse MIP-1alpha/CCL3 < 100.0 ng/mL, measured by Ca^{2+} mobilization assay in CHO-K1/Galpha15/mCCR1 cells (human Galpha15 and mouse CCR1 stably expressed in CHO-K1 cells).
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — Ccl3

Entrez GeneID	20302
Protein Accession#	Q5QNW0
Gene Name	Ccl3
Gene Alias	AI323804, G0S19-1, LD78alpha, MIP-1alpha, MIP1-(a), MIP1-alpha, Mip1a, Scya3
Gene Description	chemokine (C-C motif) ligand 3
Gene Ontology	Hyperlink
Other Designations	MIP-1 alpha|MIP1 (a)|OTTMUSP00000000942|macrophage inflammatory protein-1alpha|small in ducible cytokine A3

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