Bioactive

Il1b (Mouse) Recombinant Protein

Catalog # P7112 Size 10 ug

Specification

Product Description	Mouse Il1b (P10749, 118 a.a. - 269 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	VPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPSNDKIPVALGLKGKN LYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEFPNWYISTSQAEHKP VFLGNNSGQDIIDFTMESVSS
Host	Mammals
Theoretical MW (kDa)	17.4
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ugof protein(gel clotting method)
Activity	ED_{50} < 10.0 pg/mL, measured in a cell proliferation assay using D10S cells, corresponding to a specific activity of > 1.0×10^8 units/mg.
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 up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°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 — Il1b

Entrez GeneID	16176
Protein Accession#	P10749
Gene Name	Il1b
Gene Alias	IL-1beta, Il-1b
Gene Description	interleukin 1 beta
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	OTTMUSP00000016525|interleukin 1, beta

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