

Bioactive

II1b (Mouse) Recombinant Protein

Catalog # P7112 Size 10 ug

Specification

Product Description	Mouse II1b (P10749, 118 a.a. - 269 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	VPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQINQQVIFSMSFVQGEPSSNDKIPVALGLKGKN LYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPFNWYISTSQAEHKP 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/ug of 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 ₂ O 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

- 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