

Bioactive

## IL1a (Rat) Recombinant Protein

Catalog # P7370

Size 10 ug

### Specification

Product Description	Rat IL1a (P16598, 116 a.a. - 270 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	APHSFQNNLRYKLIRV/KQEFIMNDSL NQNIYVDM DRIHLKAASLNDLQLEVKFD MYAYSSGGDDSK YPVTLKVSNTQLFVSAQGDKPVLLKEIPETPKLITGSETDLIFFWEKINSKNYFTSAAFPELLIATKE QSQVHLARGLP SMIDFQIS
Host	Mammals
Theoretical MW (kDa)	17 - 22
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED <sub>50</sub> < 5.0 pg/mL, measured in a proliferation assay using D10S 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 <sub>2</sub> 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 — Il1a

Entrez GeneID	<a href="#">24493</a>
Protein Accession#	<a href="#">P16598</a>
Gene Name	Il1a
Gene Alias	IL-1 alpha
Gene Description	interleukin 1 alpha
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	interleukin-1 alpha