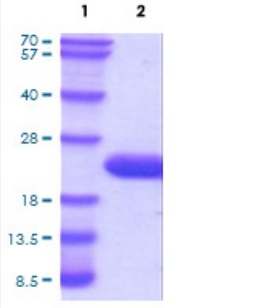
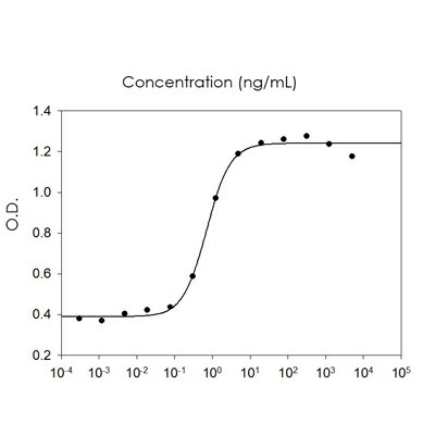
Bioactive

IL1A (Canine) Recombinant Protein

Catalog # P8087 Size 100 ug

Applications





Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Canine IL1A (O46612, 109 a.a. - 265 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.
Sequence	SVAYNFHNNEKYNYIRIIKSQFILNDNLNQSIVRQTGGNYLMTAALQNLDDAVKFDMGAYTSEDSKL PVTLRISKTRLFVSAQNEDEPVLLKEMPETPKTIRDETNLLFFWERHGSKHYFKSVAQPKLFIATQE RKLVHMARGQPSITDFRLLETQP
Host	Viruses
Theoretical MW (kDa)	19.3

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Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	ED_{50} is < 2 ng/mL, measured in a cell proliferation assay using D10.G4.1 mouse helper T cell.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL1A

Entrez GeneID	403782
Protein Accession#	O46612
Gene Name	IL1A
Gene Alias	-
Gene Description	interleukin 1, alpha
Gene Ontology	Hyperlink
Gene Summary	interleukin-1 alpha
Other Designations	interleukin-1 alpha

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