Bioactive

IL2 (Canine) Recombinant Protein

Catalog # P8253 Size 50 ug

Specification

Product Description	Canine IL2 (Q29416, 20 a.a. - 155 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MAPITSSSTKETEQQMEQLLLDLQLLLNGVNNYENPQLSRMLTFKFYTPKKATEFTHLQCLAEELK NLEEVLGLPQSKNVHLTDTKELISNMNVTLLKLKGSETSYNCEYDDETATITEFLNKWITFSQSIFST LT
Host	Escherichia coli
Theoretical MW (kDa)	15.6
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 5 ng/mL as determined by CTLL-2 cells, corresponding to a specific activity of > 2.0 x 10^5units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In Sterile 10 mM sodium bicarbonate, pH 8.5 at 0.1 mg/mL
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.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — IL2

Entrez GeneID	403989
Protein Accession#	Q29416
Gene Name	IL2
Gene Alias	-
Gene Description	interleukin 2
Gene Ontology	Hyperlink
Other Designations	-

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