

Bioactive

IL2 (Dog) Recombinant Protein

Catalog # P6310

Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Dog IL2 (Q29416) recombinant protein expressed in <i>E.Coli</i> .
Sequence	MAPITSSSTKETEQQMEQLLLDLQLLLNGVNNYENPQLSRMLTFKFYTPKKATEFTHLQCLAEELK NLEEVGLGPQSKNVHLTDTKELISNMNVTLLKLKGSETSYNCEYDDETATITEFLNKWITFSQSIFST LT
Host	Escherichia coli
Theoretical MW (kDa)	15.6
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL) (50% confidence)
Activity	ED ₅₀ <= 5 ng/mL CTLL-2 cell proliferation The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 20 mM sodium bicarbonate, pH 8.5.
Storage Instruction	Stored at -20°C to -80°C for 12 month. After reconstitution with sterile 10 mM sodium bicarbonate, pH 8.5 at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Western Blot
- Functional Study

Gene Info — IL2

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