Bioactive

IL4 (Dog) Recombinant Protein

Catalog # P6308 Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Dog IL4 (O77762) recombinant protein expressed in *E.Coli*.
Sequence	MHNFNITIKEIIKMLNILTARNDSCMELTVKDVFTAPKNTSDKEIFCRAATVLRQIYTHNCSNRYLRGL YRNLSSMANKTCSMNEIKKSTLKDFLERLKVIMQKKYYRH
Host	Escherichia coli
Theoretical MW (kDa)	12.9
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL) (50% confidence)
Activity	ED_{50} <= 25 ng/mL TF-1 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

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Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).
Storage Instruction	Stored at -20°C to-80°C for 12 month. After reconstitution with sterile water 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

- Functional Study
- Western Blot

Gene Info — IL4

Entrez GeneID	403785
Protein Accession#	O77762
Gene Name	IL4
Gene Alias	IL-4
Gene Description	interleukin 4
Gene Ontology	Hyperlink
Other Designations	interleukin-4

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