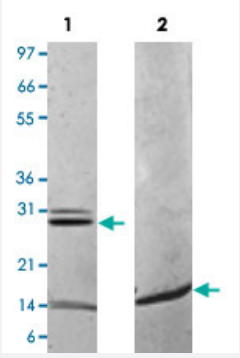
Bioactive

Il17a (Mouse) Recombinant Protein

Catalog # P4623 Size 25 ug

Applications



Lane 1: non-reducing conditions
Lane 2: reducing conditions

Result of activity analysis

Result of activity analysis

Serial dilutions of mouse Il17a (starting at 2.5 ug/mL) were added to NIH 3T3 cells. After 48 hours, production of mouse IL-6 was measured and the linear portion of the curve was us used to calculate the ED50.

Specification

Product Description	Mouse Il17a (Q62386) recombinant protein expressed in *Escherichia coli*.
Sequence	MAAIPQSSACPNTEAKDFLQNVKVNLKVFNSLGAKVSSRRPSDYLNRSTSPWTLHRNEDPDRYP SVIWEAQCRHQRCVNAEGKLDHHMNSVLIQQEILVLKREPESCPFTFRVEKMLVGVGCTCVASIV RQAA
Host	Escherichia coli
Theoretical MW (kDa)	30
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system

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Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent production of IL-6 by NIH 3T3 fibroblasts. The expected ED_{50} for this effect is 0.3-1.5 ng/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions
Storage Buffer	No additive
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis Serial dilutions of mouse Il17a (starting at 2.5 ug/mL) were added to NIH 3T3 cells. After 48 hours, production of mouse IL-6 was measured and the linear portion of the curve was us used to calculate the ED50.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Il17a

Entrez GeneID	16171
Protein Accession#	Q62386
Gene Name	Il17a
Gene Alias	Ctla-8, Ctla8, Il17
Gene Description	interleukin 17A
Gene Ontology	Hyperlink
Other Designations	interleukin 17

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