

Bioactive

IL5 (Mouse) Recombinant Protein

Catalog # P7311

Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse IL5 (P04401, 21 a.a. - 133 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MEIPMSTVVKETLTQLSAHRALLTSNETMRLPVPTHKNHQLCIGEIFQGLDILKNQTVRGGTVEMLF QNLSLIKKYIDRQKEKCGEERRRTRQFLDYLQEFLGVMSTEWAMEG
Host	Escherichia coli
Theoretical MW (kDa)	26.2
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Activity	ED ₅₀ < 2.0 ng/mL, measured by a cell proliferation assay using TF-1 Cells, corresponding to a specific activity of > 5.0 × 10 ⁵ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL5

Entrez GeneID	16191
Protein Accession#	P04401
Gene Name	IL5
Gene Alias	IL-5
Gene Description	interleukin 5
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005818