

Bioactive

IL1a (Mouse) Recombinant Protein

Catalog # P7257

Size 10 ug

Specification

Product Description	Mouse IL1a (Q3U0Y6, 115 a.a. - 279 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	SAPYTYQSDLRYKLMKLVQRKFVMNDSLNTIYQDVVDKHYLSTTWLNDLQQEVKFDMYAYSSGG DDSKYPVTLKISDSQLFVSAQGEDQPVLKELPETPKLITGSETDLIFFWKSINSKNYFTSA_x005F_x000D__x000D__241AYPELFATKEQSRVHLARGLPSTDFQIS
Host	Escherichia coli
Theoretical MW (kDa)	17.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED ₅₀ as determined by a cell proliferation assay using murine D10S cells is < 2.0 pg/ml, corresponding to a specific activity of > 5.0 x 10 ⁸ IU/mg.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/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.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Il1a

Entrez GeneID	16175
Protein Accession#	Q3U0Y6
Gene Name	Il1a
Gene Alias	Il-1a
Gene Description	interleukin 1 alpha
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000016430