

Product datasheet for AR51680PU-N

OriGene Technologies, Inc.

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Interleukin-33 (IL33) (109-266, His-tag) Mouse Protein

Product data:

Product Type: Recombinant Proteins

Description: Interleukin-33 (IL33) (109-266, His-tag) mouse recombinant protein, 0.25 mg

Species: Mouse Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSSIQGTSL LTQSPASLST YNDQSVSFVL ENGCYVINVD DSGKDQEQDQ VLLRYYESPC PASQSGDGVD GKKLMVNMSP IKDTDIWLHA NDKDYSVELQ

RGDVSPPEQA FFVLHKKSSD FVSFECKNLP GTYIGVKDNQ LALVEEKDES CNNIMFKLSK I

Tag: His-tag
Predicted MW: 18.1 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline, 10% glycerol, 1 mM DTT

Endotoxin: < 1.0 EU per 1 µg of protein (determined by LAL method)

Preparation: Liquid purified protein

Protein Description: Recombinant mouse IL33 protein, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001158196

 Locus ID:
 77125

 UniProt ID:
 Q8BVZ5

 Cytogenetics:
 19 C1

Synonyms: 9230117N10Rik; Il-33; Il1f11; NF-HEV

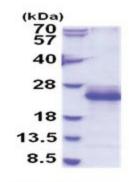




Summary:

Cytokine that binds to and signals through the IL1RL1/ST2 receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells. Involved in the maturation of Th2 cells inducing the secretion of T-helper type 2-associated cytokines. Also involved in activation of mast cells, basophils, eosinophils and natural killer cells. Acts as a chemoattractant for Th2 cells, and may function as an "alarmin", that amplifies immune responses during tissue injury.[UniProtKB/Swiss-Prot Function]

Product images:



15% SDS-PAGE (3ug)