

Bioactive

IL33 (Human) Recombinant Protein

Catalog # P7436

Size 10 ug

Specification

Product Description	Human IL33 (O95760, 112 a.a. - 270 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	SITGISPITEYLASLSTYNDQSITFALEDESYEIVEDLKKDEKKDKVLLSYYESQHPSPNESGDGVDG KMLMVTLSPTKDFWLHANNKEHSVELHKCEKPLPDQAFFVLHNMHSNCVSFECKTDPGVFIGVK DNHLALIKVDSSSENLC TENILFKLSET
Host	Escherichia coli
Theoretical MW (kDa)	~ 18.0
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 0.5 ng/mL, measured by a cell proliferation assay using D10S cells, corresponding to a specific activity of > 2.0 × 10 ⁶ 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 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 — IL33

Entrez GeneID	90865
Protein Accession#	O95760
Gene Name	IL33
Gene Alias	C9orf26, DKFZp586H0523, DVS27, NF-HEV, NFEHEV, RP11-575C20.2
Gene Description	interleukin 33
Omim ID	608678
Gene Ontology	Hyperlink
Other Designations	DVS27-related protein OTTHUMP00000021041 nuclear factor from high endothelial venules

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Myocardial Infarction](#)
- [Nasal Polyps](#)
- [Neuroblastoma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Tobacco Use Disorder](#)