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 *Escherichia coli*.
Sequence	SITGISPITEYLASLSTYNDQSITFALEDESYEIYVEDLKKDEKKDKVLLSYYESQHPSNESGDGVDG KMLMVTLSPTKDFWLHANNKEHSVELHKCEKPLPDQAFFVLHNMHSNCVSFECKTDPGVFIGVK DNHLALIKVDSSENLCTENILFKLSET
Host	Escherichia coli
Theoretical MW (kDa)	~ 18.0
Form	Lyophilized
Preparation Method	*Escherichia coli* 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_2O 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

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- 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

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