10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# IL-33, human recombinant protein

**Interleukin 33, DVS27, NF-HEV, NKHEV, C9orf26, Interleukin-1 family member 11, IL-1F11, Nuclear fac**

**Catalog # PBV10168r**

## Specification

### IL-33, human recombinant protein - Product info

| | |
|---|---|
| Primary Accession | O95760 |
| Calculated MW | **18.1 kDa KDa** |

### IL-33, human recombinant protein - Additional Info

| | |
|---|---|
| Gene ID | **90865** |
| Gene Symbol | **IL33** |

**Other Names**
Interleukin 33, DVS27, NF-HEV, NKHEV, C9orf26, Interleukin-1 family member 11, IL- 1F11, Nuclear factor from high endothelial venules, NFEHEV, DKFZp586H0523, RP11-575C20.2, IL-33.

| | |
|---|---|
| Gene Source | **Human** |
| Source | **E. coli** |
| Assay&Purity | **SDS-PAGE; ≥98%** |
| Assay2&Purity2 | **HPLC; ≥98%** |
| Recombinant | **Yes** |

**Target/Specificity**
IL-33

**Application Notes**
Reconstitute in $H_2O$ to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers

**Format**
Lyophilized protein

**Storage**
-20°C; Sterile filtered and lyophilized with no additives

### IL-33, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

## IL-33, human recombinant protein - Images

## IL-33, human recombinant protein - Background

Recombinant human IL-33 produced from E. coli is a non-disulfide-linked homodimeric, non-glycosylated polypeptide chain consisting of 160 amino acids and having a total molecular mass of 18.1 kDa.

## IL-33, human recombinant protein - References

Baekkevold E.S.,et al.Am. J. Pathol. 163:69-79(2003).
Onda H.,et al.J. Cereb. Blood Flow Metab. 19:1279-1288(1999).
Schmitz J.,et al.Immunity 23:479-490(2005).
Hong J.,et al.J. Biol. Chem. 286:20078-20086(2011).
Ota T.,et al.Nat. Genet. 36:40-45(2004).