

# Recombinant Human IL-33 protein ,N- His Tag

CatalogNo: YD2241

## Key Features

### Reactivity

- Human

## Recommended Dilution Ratios

Reconstitute in sterile water for a stock solution

## Storage

**Storage\*** Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.

**Formulation** Supplied as solution form in 50mM phosphate pH7.5, 5mM DTT./ Lyophilized from 50mM phosphate pH7.5, 5mM DTT.

## Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** >90% as determined by SDS-PAGE

## Immunogen Information

**Sequence** A DNA sequence encoding the human IL33(Ser112~Thr270) was fused with the N-terminal His Tag

## Target Information

| Protein Name                 | Organism                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Gene ID                 | UniProt ID               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------|
|                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">90865</a> ; | <a href="#">O95760</a> ; |
| <b>Cellular Localization</b> | Nucleus . Chromosome . Cytoplasm . Cytoplasmic vesicle, secretory vesicle . Secreted . Associates with heterochromatin and mitotic chromosomes (PubMed:17185418). The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion (PubMed:32272059). . |                         |                          |
| <b>Tissue specificity</b>    | Expressed at high level in high endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes. Almost undetectable in placenta.                                                                                                                                                                                                                                                                                                          |                         |                          |

## | Validation Data

## | Contact information

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 Human IL-33 protein  
 ,N- His Tag**

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