

## Recombinant Human IL18 protein ,C- His Tag

CatalogNo: YD2207

### Key Features

#### Reactivity

- Human

### 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 PBS pH 7.5./ Lyophilized from PBS pH 7.5.

### Recommended Dilution Ratios

Reconstitute in sterile water for a stock solution

### Basic Information

**Source** E.coli

**Purification** E.coli

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

### Immunogen Information

**Squence** A DNA sequence encoding the human IL18(Tyr37-Asp193) was fused with the C-terminal His Tag

### Target Information

**Protein Name****Organism****Gene ID****UniProt ID**

Human

[3606;](#)[Q14116;](#)**Cellular  
Localization**

Cytoplasm . Secreted . The precursor is cytosolic (PubMed:33883744). In response to inflammasome-activating signals, cleaved and secreted (PubMed:33883744). Mature form is secreted and released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore (PubMed:33883744). In contrast, the precursor form is not released, due to the presence of an acidic region that is proteolytically removed by CASP1 during maturation (PubMed:33883744). The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10 (PubMed:32272059). .

## | Validation Data

## | Contact information

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