

Recombinant Human IL18 protein ,C- His Tag

CatalogNo: YD2207

| 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 PBS pH 7.5./ Lyophilized from PBS pH 7.5.

| Basic Information

Source E.coli

Purification E.coli

Purity >90% as determined by SDS-PAGE

| Immunogen Information

Sequence 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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Recombinant Human IL18 protein, C- His Tag

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