

## Datasheet for ABIN7577620

### IL-18 Protein (His tag)



[Go to Product page](#)

#### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 100 µg                                       |
| Target:                       | IL-18 (IL18)                                 |
| Origin:                       | Human                                        |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This IL-18 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), ELISA |

#### Product Details

|           |                                     |
|-----------|-------------------------------------|
| Purpose:  | Recombinant Human IL18/IL1F4, C-His |
| Sequence: | Tyr37-Asp193                        |

#### Target Details

|                   |                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IL-18 (IL18)                                                                                                                                       |
| Alternative Name: | IL18/IL1F4 ( <a href="#">IL18 Products</a> )                                                                                                       |
| Background:       | IFN-gamma-inducing factor, IL1F4, Interleukin-1 gamma, IL-18, IL-1 gamma, Interleukin-18, Interferon gamma-inducing factor, IGIF, IL18, Ibogadecik |
| Molecular Weight: | 19.47 kDa                                                                                                                                          |
| UniProt:          | <a href="#">Q14116</a>                                                                                                                             |
| Pathways:         | <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Activated T Cell Proliferation</a> , <a href="#">Cancer Immune</a> |

## Target Details

Checkpoints, Inflammasome

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                            |
| Reconstitution:  | Reconstitute in sterile water for a stock solution.                                                                                                                    |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.                                                                         |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                                     |
| Storage Comment: | 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. |