

Datasheet for ABIN7607372  
**CD73 Protein (AA 1-547) (His tag)**



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## Overview

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Quantity:                     | 50 µg                                                                               |
| Target:                       | CD73 (NT5E)                                                                         |
| Protein Characteristics:      | AA 1-547                                                                            |
| Origin:                       | Human                                                                               |
| Source:                       | Mammalian Cells                                                                     |
| Protein Type:                 | Recombinant                                                                         |
| Biological Activity:          | Active                                                                              |
| Purification tag / Conjugate: | This CD73 protein is labelled with His tag.                                         |
| Application:                  | SDS-PAGE (SDS), ELISA, Western Blotting (WB), Activity Assay (AcA), Immunogen (Imm) |

## Product Details

|                              |                                                                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:                     | Recombinant Human CD73/NT5E Protein, C-His (Active)                                                                                 |
| Purity:                      | >90 % as determined by SDS-PAGE.                                                                                                    |
| Endotoxin Level:             | <0.1 EU/µg of the protein by the LAL method.                                                                                        |
| Biological Activity Comment: | Immobilized human CD73/NT5E (Cat #: AHD46601) at 2 µg/mL (100 µL/well) can bind CD73 antibody with a linear range of 0.2-2.8 ng/mL. |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | CD73 (NT5E)                            |
| Alternative Name: | CD73 ( <a href="#">NT5E Products</a> ) |

## Target Details

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| Background: | CD73, 5'-nucleotidase, NT5E, NT5, 5'-NT, Ecto-5'-nucleotidase, NTE                      |
| UniProt:    | <a href="#">P21589</a>                                                                  |
| Pathways:   | <a href="#">Synaptic Membrane</a> , <a href="#">Ribonucleoside Biosynthetic Process</a> |

## Application Details

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

## Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                           |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % 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. |
| Expiry Date:     | 12 months                                                                                                                                                             |