

# CD39 recombinant protein

CatalogNo: YD3019

## Key Features

### Reactivity

- Human

## Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

## Recommended Dilution Ratios

## Basic Information

**Source** Mammalian cells

**Purification** Mammalian cells

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

## Immunogen Information

**Sequence** Amino acid:38-478,with human FC tag.

## Target Information

**Gene name** ENTPD1

**Protein Name** Ectonucleoside triphosphate diphosphohydrolase 1 (ATP diphosphohydrolase) (ATP-DPH) (ATPDase) (Ecto-ATP diphosphohydrolase 1) (Ecto-ATPDase 1) (Ecto-ATPase 1) (Ecto-apyrase) (Lymphoid cell activation antigen) (Nucleoside triphosphate diphosphohydrolase 1) (NTPDase1) (CD antigen CD39)

Organism	Gene ID	UniProt ID
Human	<a href="#">953</a> ;	<a href="#">P49961</a> ;

**Cellular Localization** Membrane ; Multi-pass membrane protein . Membrane, caveola .

**Tissue specificity** Expressed primarily on activated lymphoid cells (PubMed:7930580). Also expressed in endothelial tissues (PubMed:8955160). Highly expressed in placenta, lung, skeletal muscle, kidney (PubMed:8955160).

**Function** Catalyzes the hydrolysis of both di- and triphosphate nucleotides (NDPs and NTPs) and hydrolyze NTPs to nucleotide monophosphates (NMPs) in two distinct successive phosphate-releasing steps, with NDPs as intermediates and participates in the regulation of extracellular levels of nucleotides (Probable) (PubMed:8529670, PubMed:8626624, PubMed:8955160, PubMed:8996251). By hydrolyzing proinflammatory ATP and platelet-activating ADP to AMP, it blocks platelet aggregation and supports blood flow (PubMed:8955160, PubMed:8996251).

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## Validation Data

## Contact information

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Please scan the QR code to access additional product information:  
**CD39 recombinant protein**

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