

CD39-FC recombinant protein

Catalog No :	YD3019
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	ENTPD1
Protein Name :	Ectonucleoside triphosphate diphosphohydrolase 1 (EC 3.6.1.5) (ATP diphosphohydrolase) (ATP-DPH) (ATPDase) (Ecto-ATP diphosphohydrolase 1) (Ecto-ATPDase 1) (Ecto-ATPase 1) (Ecto-apprase) (Lymphoid cel
Sequence :	Amino acid:38-478,with FC tag.
Human Gene Id :	953
Human Swiss Prot No :	P49961
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
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).
Subcellular Location :	Membrane ; Multi-pass membrane protein . Membrane, caveola .
Expression :	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).

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