

32-9595: Recombinant Mouse Triphosphate Diphosphohydrolase 1/ENTPD1/CD39 (C-6His)

Alternative Name : Ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; NTPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD39

Description

Source : Human Cells;

Ectonucleoside triphosphate diphosphohydrolase-1(NTPDase-1) is an integral membrane protein with an extracellular active site. NTPDase-1 was originally described as CD39, a B lymphocyte cell surface marker. But it is also present on the surface of natural killer cells, T cells, and some endothelial cells. NTPDase1 hydrolyzes the Beta-andgamma phosphate residues of nucleotides, preferring ATP as the substrate. Through its hydrolysis of extracellular nucleotides, NTPDase-1 plays a role in the regulation of purinergic signaling. NTPDase-1 is involved in the processes of thromboregulation and vascular inflammation. The administration of soluble NTPDase-1 may have therapeutic applications for the treatment of some vascular and transplantation-associated diseases.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Mouse Ectonucleoside Triphosphate Diphosphohydrolase 1 is produced by our Mammalian expression system and the target gene encoding Thr38-Ile478 is expressed with a 6His tag at the C-terminus.