

Product datasheet for **TP727033**

Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Rat 5'-Nucleotidase/CD73 (C-6His)
Species:	Rat
Expression cDNA Clone or AA Sequence:	Trp29-Lys549
Tag:	C-His
Buffer:	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl ₂ , 20% Glycerol, pH 7.5.
Note:	Recombinant Rat 5'-Nucleotidase/CD73 is produced by our Mammalian expression system and the target gene encoding Trp29-Lys549 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	CD73, also known as Ecto-5'-nucleotidase, is an ectoenzyme that is attached to the cell membrane by a glycosyl phosphatidylinositol anchor. The enzyme is expressed by most cell types. The 5'-Nucleotidase activity of CD73 converts extracellular nucleoside-5'-monophosphates to nucleosides. CD73 is one of several enzymes responsible for the production of extracellular adenosine, a signaling molecule that is involved in responses to inflammation and tissue injury. CD73 hydrolyzes extracellular nucleotides into membrane permeable nucleosides.



[View online »](#)