

## Product datasheet for **TP727215**

### Nt5e Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse 5'-Nucleotidase/NT5E/CD73 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Trp29-Phe550
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl <sub>2</sub> , 20% Glycerol, pH 7.5.
Note:	Recombinant Mouse 5'-Nucleotidase is produced by our Mammalian expression system and the target gene encoding Trp29-Phe550 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	23959
UniProt ID:	<a href="#">Q61503</a>
Summary:	Mouse CD73 is a glycosyl phosphatidylinositol (GPI) anchored membrane protein that belongs to the 5'-nucleotidase family. CD73 is an ecto 5'-Nucleotidase expressed by most cell types. CD73 hydrolyzes extracellular nucleotides into membrane permeable 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 is a lymphocyte maturation marker that has functions independent of its catalytic activity. CD73 is also a regulator of leukocyte extravasation, a function that requires its 5'-Nucleotidase activity. CD73 has also been reported to regulate expression of pro-inflammatory molecules in mouse endothelium.



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