

## ENPP-3 Protein, Canine (HEK293, His)

Cat. No.:	HY-P700710
Synonyms:	E-NPP 3; NPP3; PD-Ibeta; NPPase; ENPP3; PDNP3; CD203c; B10; gp130RB13-6; PD-Iβ
Species:	Canine
Source:	HEK293
Accession:	A0A8I3N0F5 (R46-I874)
Gene ID:	/
Molecular Weight:	110-130 kDa

### PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	ENPP-3 is a hydrolase with the ability to metabolize a variety of extracellular nucleotides, including ATP, GTP, UTP, and CTP. This enzyme activity plays a crucial role in regulating the immune response, especially during the chronic stages of inflammation and allergic reactions. ENPP-3 is a protein detected in the womb that plays an important role in tumor development and invasion. The hypomethylation of the ENPP-3 promoter region is involved in the occurrence and progression of ovarian endometriosis through the AKT/mTOR/4EBP1 signaling pathway <sup>[1][2][3]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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