

Canine ENPP-3 Protein

Cat. No. ENP-DM103

Description

Source	Recombinant Canine ENPP-3 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Arg46-Ile874.
Accession	A0A8I3N0F5
Molecular Weight	The protein has a predicted MW of 96.19 kDa. Due to glycosylation, the protein migrates to 110-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Ectonucleotide pyrophosphatase-phosphodiesterase 3 (ENPP3), a protein detected in the human uterus, has been found to play an important role in the development and invasion of tumours. It was recently discovered that ENPP3 was upregulated during the window of implantation in the human endometrium but its functional relevance remains elusive.

Assay Data

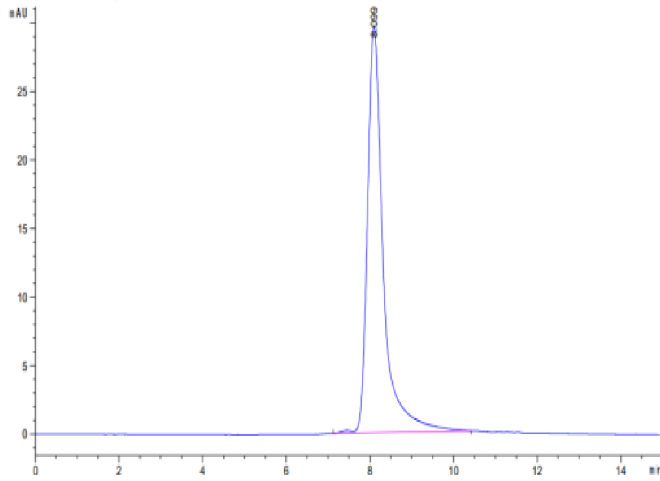
Bis-Tris PAGE



Canine ENPP-3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Canine ENPP-3 is greater than 95% as determined by SEC-HPLC.