Human ENPP-3 Protein

Cat. No. ENP-HM403

Description

Source	Recombinant Human ENPP-3 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus.
	It contains Leu48-Ile875.
Accession	O14638
Molecular Weight	The protein has a predicted MW of 99.97 kDa. Due to glycosylation, the protein migrates to 110-120 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

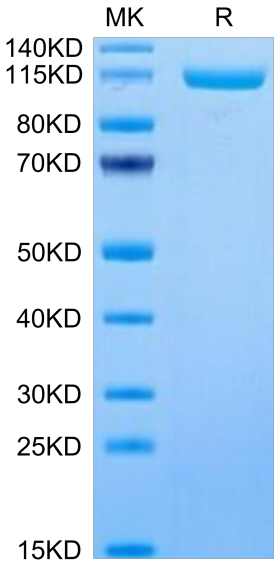
Formulation	Supplied as 0.22μm filtered solution in 50mM Tris,150mM NaCl (PH7.5).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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



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

SEC-HPLC

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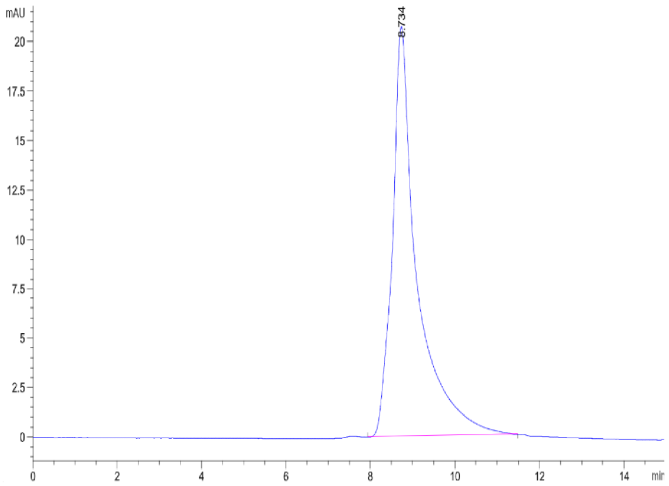

The purity of Human ENPP-3 is greater than 95% as determined by SEC-HPLC.