Mouse DPP3 Protein

Cat. No. DPP-ME103

Description

Source	Recombinant Mouse DPP3 Protein is expressed from E.coli with His tag at the N-terminus.
	It contains Ala2-Ala738.
Accession	Q99KK7
Molecular Weight	The protein has a predicted MW of 83.86 kDa. The protein migrates to 68-78 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

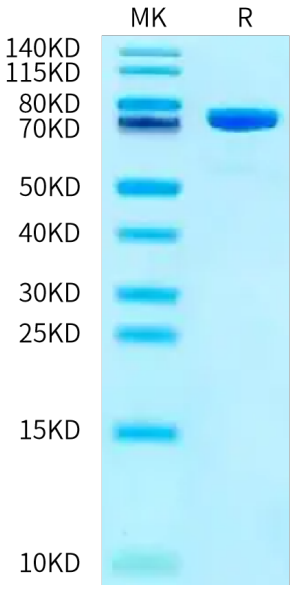
Formulation	Supplied as 0.22 μm filtered solution in 20mM Tris, 150mM NaCl, 10%Glycerol (pH 8.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Dipeptidyl peptidase III (DPP3) is a ubiquitously expressed zinc-dependent peptide cutting enzyme and selectively hydrolyses amide bonds to cleave N-terminal dipeptide fragments off of physiologically important oligopeptides. DPP3 has been found in a multitude of different types of cells and appears to be involved in various physiological processes (e.g. nociception, blood pressure control, protein turnover).

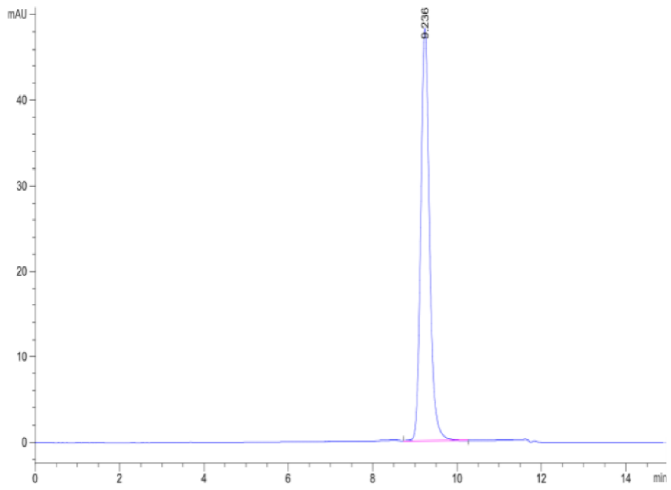
Assay Data

Bis-Tris PAGE



Mouse DPP3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse DPP3 is greater than 95% as determined by SEC-HPLC.