

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 Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

Formulation and Storage

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|--------------------|--|
| 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).

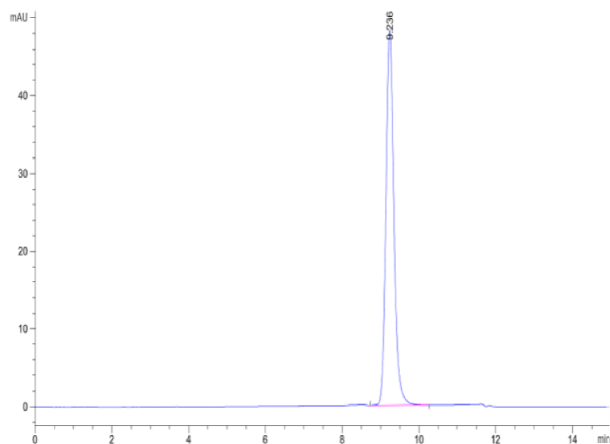
Assay Data

Tris-Bis PAGE



Mouse DPP3 on Tris-Bis 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.