


Rev03
Update: Aug,08,2025**DATASHEET**

DPP3, His, Rat

Cat. No.: Z06417

Product Introduction

Species	Rat
Protein Construction	
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	E.coli
Theoretical Molecular Weight	84.00 kDa
Apparent Molecular Weight	The protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Formulation	Supplied as 0.22 µm filtered solution in 20mM Tris, 150mM NaCl, 10%glycerol (pH 8.0).
Concentration	Verified by one or more methods from A280/Bioactivity/BCA/Bradford.
Storage & Stability	This product remains stable for 6 months at -80°C or below. Avoid repeated freeze-thaw cycles.

Background

Target 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).

Synonyms : DPP III; Dipeptidyl peptidase 3; Enkephalinase B

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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