

Peptidase D from Human, Recombinant

Cat. No. NATE-1782

Lot. No. (See product label)

Introduction

Description

PEPD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 516 amino acids (1-493a.a.) and having a molecular mass of 56.9kDa. PEPD is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms

Xaa-Pro dipeptidase; X-Pro dipeptidase; Imidodipeptidase; Peptidase D; Proline dipeptidase; Prolidase; PRD; PEPD; Xaa-Pro dipeptidase isoform 1; PROLIDASE

Product Information

Species

Human

Source

E.coli

Form

Sterile Filtered colorless solution.

EC Number

EC 3.4.13.9

CAS No.

9025-32-5

Molecular Weight

56.9kDa

Purity

Greater than 90% as determined by SDS-PAGE.

Density

~1.8 g/cm³ (Predicted)

Storage and Shipping Information

Storage

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.