

PEPD 抗原（重组蛋白）

中文名称：PEPD 抗原（重组蛋白）

英文名称：PEPD Antigen (Recombinant Protein)

别名：PROLIDASE

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 294-493 amino acids of human PEPD

技术规格：

Full name:	peptidase D
Synonyms:	PROLIDASE
Swissprot:	P12955
Gene Accession:	BC028295
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the peptidase family. The protein forms a homodimer that hydrolyzes dipeptides or tripeptides with C-terminal proline or hydroxyproline residues. The enzyme serves an important role in the recycling of proline, and may be rate limiting for the production of collagen. Mutations in this gene result in prolidase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline. Multiple transcript variants encoding different isoforms have been found for this gene.