Recombinant Human Peptidase D/PEPD Protein

Catalog Number: PKSH032873

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

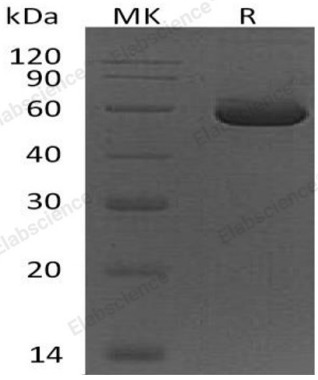
Description

Species	Human
Source	E.coli-derived Human Peptidase D;PEPD protein Ala2-Lys493
Mol_Mass	54.5 kDa
Accession	AAH28295.1
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 25 mM Tris-HCl, 100 mM Glycine, 10% Glycerol，pH 8.5.
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

Background

PEPD belongs to the peptidase M24B family of Eukaryotic-type prolidase subfamily. PEPD is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus. It is important in collagen metabolism because of the high levels of imino acids. Defects in PEPD are a cause of prolidase deficiency which is an autosomal recessive disorder associated with iminodipeptiduria.

Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017