9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6877: PEPD Human

Alternative Name : Xaa-Pro dipeptidase, X-Pro dipeptidase, Imidodipeptidase, Peptidase D, Proline dipeptidase, Prolidase, PRD, PEPD, Xaa-Pro dipeptidase isoform 1, PROLIDASE.

Description

Source: E.coli.
Sterile Filtered colorless solution.
Peptidase D, also known as PEPD, Is a part of the peptidase family. PEPD is involved in collagen metabolism due to the high level of iminoacids in collagen. PEPD recycles proline, and sets the pace for the production of collagen. PEPD is also parts dipeptides with a prolyl or hydroxyprolyl residue in the C-terminal position.
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.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	PEPD protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAAATGP SFWLGNETLK VPLALFALNR QRLCERLRKN PAVQAGSIVV LQGGEETQRY CTDTGVLFRQ ESFFHWAFGV TEPGCYGVID VDTGKSTLFV PRLPASHATW MGKIHSKEHF KEKYAVDDVQ YVDEIASVLT SQKPSVLLTL RGVNTDSGSVCREASFDGIS KFEVNNTILH PEIVECRVFK TDMELEVLRY TNKISSEAHR EVMKAVKVGM KEYELESLFE HYCYSRGGMR HSSYTCICGS GENSAVLHYG HAGAPNDRTI QNGDMCLFDM GGEYYCFASD ITCSFPANGK FTADQKAVYE AVLRSSRAVM GAMKPGVWWP DMHRLADRIH LEELAHMGIL SGSVDAMVQA HLGAVFMPHG LGHFLGIDVH DVGGYPEGVE RIDEPGLRSL RTARHLQPGM VLTVEPGIYF IDHLLDEALA DPARASFLNR EVLQRFRGFG GVRIEEDVVV TDSGIELLTC VPRTVEEIEA CMAGCDKAFT PFSGPK.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.