

# Human PEPD Recombinant Protein



RPPB2092

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## Product Information    Protein Information

**Product SKU:**

RPPB2092

**Accession:**

P12955

**Host:**

E.coli.

**Protein 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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

PEPD protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SSSLVPRGSH MGSMAAATGP SFWLGNLTK VPLALFALNR QRLCERLRKN PAVQAGSIV  
LQGGEEQRY CTDTGVLFRQ ESFFHWAFGV TEPGCYGVLD VDTGKSTLFV PRLPASHATW MGKHSKEHF  
KEYAVDDVQ YVDEIASVLT SQKPSVLLTL RGVNTDSGVSVCREASFDGIS KFEVNNTILH PEIVECRVFK  
TDMELEVLRY TNKISSEHR EVMKAVKVG M KEVELESLE HCYSRGGMR HSSYTCICGS GENSAVLHYG  
HAGAPNDRTI QNGDMCLFDM GGEYCFASD ITCSFPANGK FTADQKAVYE AVLRSSRAVM GAMKPGVWWP  
DMHRLADRIH LEELAHMGIL SGSVDAMVQA HLGAVFMPHG LGHFLGIDVH DVGGYPEGVE RIDEPGLRSL  
RTARHLQPGM VLTVEPGIYF IDHLLDEALA DPARASFLNR EVLQRFGRFG GVRIEEDVVV TDSGIELLTC  
VPRVVEIEA CMAGCDKAF T PFSGPK.