

Recombinant Human PEPD Protein

Catalog #	Source	Reactivity	Applications
CRP2089	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PEPD Protein is produced by our E. coli expression system and the target gene encoding Ala2-Lys493 is expressed.		
Form	Liquid in a 0.2 μM filtered solution of PBS, pH7.4.		
Gene Symbol	PEPD		
Alternative Names	PRD; Xaa-Pro dipeptidase; X-Pro dipeptidase; Imidodipeptidase; Peptidase D; Proline dipeptidase; Prolidase		
Entrez Gene	5184 (Human)		
SwissProt	P12955 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	AAATGPSFWL GNETLKVPLA LFALNRQRLC ERLRKNPAVQ AGSIVVLQGG EETQRYCTDT GVLFRQESFF HWAFFGVTEPG CYGVIDVDTG KSTLFVPRLP ASHATWMGKI HSKHFKEKY AVDDVQYVDE IASVLTSQKP SVLLTLRGNV TDSGSVCREA SFDGISKFEV NNTILHPEIV ECRVFKTDME LEVLRVTNKI SSEAHREVMK AVKVGMMKEYE LESLFEHYCY SRGGMRHSSY TCICGSGENS AVLHYGHAGA PNDRTIQNGD MCLFDMGGEY YCFASDITCS FPANGKFTAD QKAVYEAVLR SSRAVMGAMK PGVWWPDMHR LADRIHLEEL AHMGILSGSV DAMVQAHLGA VFMPHGLGHF LGIDVHDVGG YPEGVERIDE PGLRSLRTAR HLQPGMVLTV EPGIYFIDHL LDEALADPAR ASFFNREVLQ RFRGFGGVRI EEDVVVTDSG IELLTCVPRT VEEIEACMAG CDKAFTPFSG PK		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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