

Recombinant Human DPP3 Protein

Catalog #	Source	Reactivity	Applications
CRP1450	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human DPP3 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala737 is expressed with a 6His tag at the N-terminus.

Form Liquid in a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.

Gene Symbol DPP3

Alternative Names Dipeptidyl peptidase 3; Dipeptidyl aminopeptidase III; Dipeptidyl arylamidase III; Dipeptidyl peptidase III; DPP III; Enkephalinase B

Entrez Gene 10072 (Human)

SwissProt Q9NY33 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MGSSHHHHH SGLVPRGSH MADTQYILPN DIGVSSLCDR EAFRLSPT E RLYAYHLSRA AWYGGGLAVLL QTSPEAPYIY ALLSRLFRAQ DPDQLRQHAL AEGLT EEEYQ AFLVYAAGVY SNMGNYKSFG DTKFV PNLPK EKL ERVILGS EAAQQHP EEV RGLWQTCGEL MFSLEPRLRH LGLGKEGITT YFSGNCTMED AKLAQDFLDS QNLSAYNTRL FKEVDGEGKP Y YEVRLASVL GSEPSLDSEV TSKLKS YEFR GSPFQVTRGD YAPILQKVVE QLEKAKAYAA NSHQGQMLAQ YIESFTQGS I EAHKRGRSFW IQDKGP IVES YIGFIESYRD PFGSRGEFEG FVAVVNKAMS AKFERLVASA EQLLKELPWP PTFEKDKFLT PDFTSLDVL T FAGSGIPAGI NIPNYDDL RQ TEGFKNVSLG NVLAVAYATQ REKLTFLEED DKDLYILWKG PSFDVQVGLH ELLGHGSGKL FVQDEKGAFN FDQETVINPE TGEQIQSWYR SGETWDSKFS T IASSYEECR AESVGLYLCL HPQVLEIFGF EGADAEDVIY VNWLNMVRAG LLALEFYTPE AFNWRQA HMQ ARFVILRVLL EAGEGLVTIT PTTGSDGRPD ARVRLDRSKI RSVGKPALER FLRRLQVLKS TGDVAGGRAL

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

YEGYATVTDA PPECFLTLRD TVLLRKESRK LIVQPNTRE GSDVQLLEYE ASAAGLIRSF
SERFPEDGPE LEEILTQLAT ADARFWKGPS EAPSGQA

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.

Storage/Stability

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

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