

Product Data Sheet

Recombinant Human DPP3 Protein

Catalog #	Source	Reactivity	Applications
CRP1450	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human DPP3 Protein is produced by 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	MGSSHHHHHH SSGLVPRGSH MADTQYILPN DIGVSSLCDR EAFRLSPTE RLYAYHLSRA AWYGGGLAVLL QTSPEAPYIY ALLSRLFRAQ DPDQLRQHAL AEGLTEEEYQ AFLVYAAGVY SNMGNYKSFG DTKFVPNLPK EKLERVILGS EAAQQHPPEEV RGLWQTCGEL MFSLEPRLRH LGLGKEGITT YFSGNCTMED AKLAQDFLDS QNLSAYNTRL FKEVDGEGKP YYEVRLASVL GSEPSLDSEV TSKLKSIEFR GSPFQVTRGD YAPILQKVVE QLEKAKAYAA NSHQGQMLAQ YIESFTQGS I EAHKRGSRFW IQDKGPIVES YIGFIESYRD PFGSRGEFEG FVAVVNKAMS AKFERLVASA EQLLKELPWP PTFEKDKFLT PDFTSLDVL T FAGSGIPAGI NIPNYDDL RQ TEGFKNVSLG NVLAVAYATQ REKLTFLEED DKDLYILWKG PSFDVQVGLH ELLGHGSGKL FVQDEKGAFN FDQETVINPE TGEQIQSWYR SGETWDSKFS TIASSYECCR AESVGLYLCL HPQVLEIFGF EGADAEDVIY VNWLNMVRAG LLALEFYTPE AFNWRQAAMQ ARFVILRVLL EAGEGLVTIT PTTGSDGRPD ARVRLDRSKI RSVGKPALER FLRLQLVLS TGDVAGGRAL YEGYATVTDA PPECFLTLRD TVLLRKESRK LIVQPNTRE GSDVQLLEYE ASAAGLIRSF		

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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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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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