



# Recombinant Human Dipeptidyl peptidase 3 (DPP3)

<b>Product Code</b>	CSB-EP868352HU
<b>Abbreviation</b>	DPP3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NY33
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ADTQYILPN DIGVSSLD CR EAFRLLSPT E RLYAYHLSRA AWYGGGLAVLL QTSPEAPYIY ALLSRLFRAQ DPDQLRQHAL A EGLTEEEYQ AFLVYAAGVY SNMGNYKSFG DTKFV PNL PK EKLERVILGS EAAQQHP EEV RGLWQTCGEL MFSLEPRLRH LGLGKEGITT YFSGNCTMED AKLAQDFLDS QNLSAYNTRL FKEVDGEGKP YYEURLASVL GSEPSLDSEV TSKLKS YEFR GSPFQVTRGD YAPILQKVVE QLEKAKAYAA NSHQGQMLAQ YIESFTQ GSI EAHKRGRSRFV IQDKGP IVES YIGFIESYRD PFGSRGEFEG FVAVVNKAMS AKFERLVASA EQLLKELPWP PTFEKDKFLT PDFTSLD VLT FAGSGIPAGI NIPNYDDL RQ TEGFKNVSLG NVLAVAYATQ REKLTFLEED DKDLYILWKG PSFDVQVGLH ELLGHGSGKL FVQDEKGAFN FDQETVINPE TGEQIQSWYR SGETWDSKFS TIASSYEECR AESVGLYLCL HPQVLEIFGF EGADAEDVIY VNWLNMVRAG LLALEFYTPE AFNWRQAHMQ ARFVILRVLL EAGEGLVTIT PTTGSDGRPD ARVRLDRSKI RSVGK PALER FLRRLQVLKS TGDVAGGRAL YEGYATV TDA PPECFLTLRD TVLLR KESRK LIVQP NTRLE GSDVQLLEYE ASAAGLIRSF SERFPEDGPE LEEILTQLAT ADARFWKGPS EAPSGQA
<b>Source</b>	E.coli
<b>Target Names</b>	DPP3
<b>Protein Names</b>	Recommended name: Dipeptidyl peptidase 3 EC= 3.4.14.4 Alternative name(s): Dipeptidyl aminopeptidase III Dipeptidyl arylamidase III Dipeptidyl peptidase III Short name= DPP III
<b>Expression Region</b>	2-737
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-



binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternate transcriptional splice variants have been characterized.

---

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.