



# Recombinant Human Dipeptidase 3 (DPEP3)

<b>Product Code</b>	CSB-EP007125HU-B
<b>Abbreviation</b>	DPEP3
<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>	Q9H4B8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AETTP GAPRALSTLG SPSLFTTPGV PSALTTPGLT TPGTPKTLDL RGRAQALMRS FPLVDGHNDL PQVLRQRYKN VLQDVNLRNF SHGQTSLDRL RDGLVGAQFW SASVSCQSQD QTAVRLALEQ IDLIHRMCAS YSELELV TSA EGLNSSQKLA CLIGVEGGHS LDSSLSVLR S FYVLGVRYLT LTFTCSTPWA ESSTKFRHHM YTNVSGLT SF GEKVVEELNR LGMMIDLSYA SDTLIRRVLE VSQAPVIFSH SAARAVCDNL LNV PDDILQL LKKN GGIVMV T L S M G V L Q C N LLANVSTVAD HFDHIRAVIG SEFIGGGNY DGTGRFPQGL EDVSTYPVLI EELLSRSWSE EELQGVLRGN LLRVFRQVEK VREESRAQSP VEA E F P Y G Q L STSCHSHLVP QNGHQATHLE VTKQPTNRVP WRS
<b>Source</b>	E.coli
<b>Target Names</b>	DPEP3
<b>Protein Names</b>	Recommended name: Dipeptidase 3 EC= 3.4.13.19
<b>Expression Region</b>	36-463
<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 membrane-bound glycoprotein from the family of dipeptidases involved in hydrolytic metabolism of various dipeptides, including penem and carbapenem beta-lactam antibiotics. This gene is located on chromosome 16 in a cluster with another member of this family. Alternatively spliced transcript variants that encode different isoforms have been found for this gene.
<b>Reconstitution</b>	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  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .