



Recombinant Human Dipeptidyl peptidase 2 (DPP7)

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|--------------------------|--|
| Product Code | CSB-MP887041HU |
| Abbreviation | DPP7 |
| Storage | 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. |
| Uniprot No. | Q9UHL4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | APDPG FQERFFQQRL DHFNFERFGN KTFPQRFLVS DRFWVRGEGP IFFYTGNEGD VWAFANNSAF VAELAAERGA LLVFAEHRY Y GKSLPFGAQS TQRGHTELLT VEQALADFAE LLRALRRDLG AQDAPAIAFG GSYGGMLSAY LRMKYPHLVA GALAASAPVL AVAGLGDSNQ FFRDVTADFE GQSPKCTQGV REAFRQIKDL FLQGAYDTVR WEFGTCQPLS DEKDLTQLFM FARNAFTVLA MMDYPYPTDF LGPLPANPVK VGCDRLLSEA QRITGLRALA GLVYNASGSE HCYDIYRLYH SCADPTGCGT GPDARAWDYQ ACTEINLTFA SNNVTDMFPD LPFTDELQRQ YCLDTWGVWP RPDWLLTSFW GGDRAASNI IFSNGNLDPW AGGGIRRNL ASVIAVTIQG GAHHLDLRAS HPEDPASVVE ARKLEATIIG EWWKAARREQ QPALRGGPRL SL |
| Source | Mammalian cell |
| Target Names | DPP7 |
| Protein Names | Recommended name: Dipeptidyl peptidase 2 EC= 3.4.14.2 Alternative name(s): Dipeptidyl aminopeptidase II Dipeptidyl peptidase 7 Dipeptidyl peptidase II Short name= DPP II Quiescent cell proline dipeptidase |
| Expression Region | 26-492 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | This protein is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. |
| 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

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