



# Recombinant Human Lysosomal thioesterase PPT2 (PPT2)

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| <b>Product Code</b>      | CSB-EP890940HU-B  |
| <b>Abbreviation</b>      | PPT2  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q9UMR5  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | APA PHRASYKPVI VVHGLFDSSY SFRHLLLEYIN ETHPGTVVTV<br>LDLFDGRESL RPLWEQVQGF REAVVPIMAK APQGVHLICY SQGGLVCRAL<br>LSVMDDHNVD SFISLSSPQM GQYGD TDYK WLFPTSMRSN LYRICYSPWG<br>QEFSICNYWH DPHHDDL YLN ASSFLALING ERDHPNATVW RKNFLRVGHL<br>VLIGGPDDGV ITPWQSSFFG FYDANETVLE MEEQLVYLRD SFGLKTLAR<br>GAIVRCPMAG ISHTAWHSNR TLYETCIEPW LS   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | PPT2  |
| <b>Protein Names</b>     | Recommended name: Lysosomal thioesterase PPT2 Short name= PPT-2 EC= 3.1.2.- Alternative name(s): S-thioesterase G14   |
| <b>Expression Region</b> | 28-302  |
| <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 member of the palmitoyl-protein thioesterase family. The encoded glycosylated lysosomal protein has palmitoyl-CoA hydrolase activity in vitro, but does not hydrolyze palmitate from cysteine residues in proteins. Three transcript variants encoding different isoforms have been described for this gene, with one of the isoforms being inactive.                                   |
| <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. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,   |



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