



# Recombinant Human Profilin-2 (PFN2)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP017825HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P35080  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MAGWQSYVDN LMCDGCCQEA AIVGYCDAKY VWAATAGGVF QSITPIEIDM<br>IVGKDREGFF TNGTLGAKK CSVIRDSLYV DGDCTMDIRT KSQGGPEPTYN<br>VAVGRAGRVL VFVMGKEGVH GGGLNKKAYS MAKYLRDSGF   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | PFN2  |
| <b>Protein Names</b>     | Recommended name: Profilin-2 Alternative name(s): Profilin II   |
| <b>Expression Region</b> | 1-140   |
| <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 protein   |
| <b>Target Details</b>    | This protein is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described 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. |
| <b>Shelf Life</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.   |