



Recombinant Rat Profilin-1 (Pfn1)

Product Code	CSB-MP017824RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P62963
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	AGWNAYIDS LMADGTCQDA AIVGYKDSPS VWAAVPGKTF VSITPAEVGV LVGKDRSSFF VNGLTLGGQK CSVIRDSLLQ DGEFTMDLRT KSTGGAPT FN VTVTMTAKTL VLLMGKEGVH GGLINKKCYE MASHLRRSQY
Source	Mammalian cell
Target Names	Pfn1
Protein Names	Recommended name: Profilin-1 Alternative name(s): Profilin I
Expression Region	2-140
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 ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome.
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.