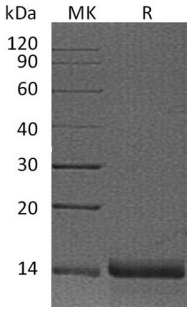
Product Name: Recombinant Human PFN2
Catalog #: PEH1370

Summary

Name	Profilin-2/PFN2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Profilin-2 is produced by our E.coli expression system and the target gene encoding Met1-Phe140 is expressed.
Accession #	P35080
Host	E.coli
Species	Human
Predicted Molecular Mass	15 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Catalog #: PEH1370

Alternative Names	Profilin-II; PFN2; Profilin-2; PFL
Background	Profilin-II (PFN2) is ubiquitous protein which belongs to the profilin family. PFN2 binds to actin, thenaffects the structure of the cytoskeleton. At high concentrations, profiling prevents the polymerization of actin, while increases that at low concentrations. PFN2 is a ubiquitous actin monomer-binding protein. It regulates actin polymerization in response to extra cellular signals. PFN2 binds to PIP2; it inhibits the formation of IP3 and DG.

Note

For Research Use Only , Not for Diagnostic Use.