

Datasheet for ABIN666964

Profilin 4 Protein (PFN4) (AA 1-129) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Profilin 4 (PFN4)
Protein Characteristics:	AA 1-129
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Profilin 4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Profilin-4, 1-129aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Profilin 4 (PFN4)
Alternative Name:	Profilin-4 (PFN4 Products)
Background:	Profilin-4, also known as PFN4, is a small actin-binding protein involved in the dynamic turnover and restructuring of the actin cytoskeleton. It is found in all eukaryotic organisms in most cells. Also, this is important for spatially and temporally controlled growth of actin microfilaments, which is an essential process in cellular locomotion and cell shape changes. Recombinant human Profilin-4, fused to His-tag at N-terminus, was expressed in E.coli and purified by using

Target Details

conventional chromatography techniques. Synonyms: Profilin IV, PFN4, Profilin family member 4. NCBI no.: NP_955378

Molecular Weight: 16.4 kDa (149aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

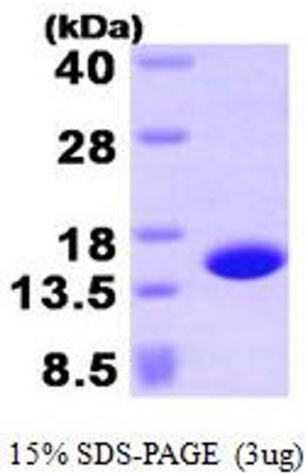
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.