

Product datasheet for **AR09408PU-L**

Profilin-4 (PFN4) (1-129, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Profilin-4 (PFN4) (1-129, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSHLQSLLLD TLLGTKHVDS AALIKIQERS LCVASPGFNV TPSDVRTLNV GFAKNPLQAR REGLYFKGKD YRCVRADEYS LYAKNENTGV VVKTHLYLL VATYTEGMYP SICVEATESL GDYLRKKGS
Tag:	His-tag
Predicted MW:	16.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Profilin-4, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_955378</u>
Locus ID:	375189
UniProt ID:	<u>Q8NHR9</u>
Cytogenetics:	2p23.3
Summary:	Binds to phosphatidylinositol 3-phosphate (PtdIns(3)P), phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P ₂), phosphatidylinositol 4-phosphate (PtdIns(4)P) and phosphatidic acid (PA). Does not bind to actin (PubMed:19419568), contrary to other family members. [UniProtKB/Swiss-Prot Function]



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Protein Pathways: Regulation of actin cytoskeleton

Product images:

