

Datasheet for ABIN7548914
FN3KRP Protein (AA 1-309) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FN3KRP
Protein Characteristics:	AA 1-309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FN3KRP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FN3KRP Protein expressed in mammalian cells.
Sequence:	MEELLRRELG CSSVRATGHS GGGCISQGRS YDTDQGRV FV KVNPKAEARR MFEGEMASLT AILKTNTVKV PKPIKVL DAP GGGSVL VMEH MDMRHLSSHA AKLGAQLADL HLDNKKLGEM RLKEAGTVGR GGGQEERPFV ARFGFDV VTC CGYLPQVNDW QEDWVVFYAR QRIQPQMDMV EKESGDREAL QLWSALQLKI PDLFRDLEII PALLHGDLWG GNVAEDSSGP VIFDPASFYG HSEYELAIAG MFGGFSSSFY SAYHGKIPKA PGFEKRLQLY QLFHYLNHWN HFGSGYRGSS LNIMRNLVK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FN3KRP
Alternative Name:	FN3KRP (FN3KRP Products)
Background:	Ketosamine-3-kinase (EC 2.7.1.172) (Fructosamine-3-kinase-related protein) (FN3K-RP) (FN3K-related protein) (Protein-psicosamine 3-kinase FN3KRP) (EC 2.7.1.-),FUNCTION: Ketosamine-3-kinase involved in protein deglycation by mediating phosphorylation of ribuloselysine and psicoselysine on glycated proteins, to generate ribuloselysine-3 phosphate and psicoselysine-3 phosphate, respectively (PubMed:14633848, PubMed:15137908). Ribuloselysine-3 phosphate and psicoselysine-3 phosphate adducts are unstable and decompose under physiological conditions (PubMed:14633848, PubMed:15137908). Not able to phosphorylate fructoselysine (PubMed:14633848). {ECO:0000269 PubMed:14633848, ECO:0000269 PubMed:15137908}.
Molecular Weight:	34.4 kDa
UniProt:	Q9HA64

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months