

Product datasheet for **AR09102PU-L**

14-3-3 protein eta (1-246, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	14-3-3 protein eta (1-246, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLMKGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQMOPHTP IRLGLALNFS VFYIEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSDQQDE EAGEGN
Tag:	His-tag
Predicted MW:	30.3 kDa
Concentration:	lot specific
Purity:	≥95 by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0 containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human 14-3-3 η , fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003396
Locus ID:	7533
UniProt ID:	Q04917 , A0A024R1K7 , Q9H4N8
Cytogenetics:	22q12.3
Synonyms:	YWHA1



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Summary:

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq, Jun 2009]

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

Product images: