

## Product datasheet for **AR52074PU-N**

### 14-3-3 protein eta (1-246) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	14-3-3 protein eta (1-246) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGDREQLLQR ARLAEQAERY DDMSAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLMKMGDY YRYLAEVASG EKKNVVEAS EAAYKEAFEI SKEQMOPHTP IRLGLALNFS VFYIEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSDQQDE EAGEGN
Predicted MW:	28.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003396</a>
Locus ID:	7533
UniProt ID:	<a href="#">Q04917</a> , <a href="#">A0A024R1K7</a> , <a href="#">Q9H4N8</a>
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:**