

## Product datasheet for **AR09099PU-L**

### 14-3-3 protein beta/alpha (1-246) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	14-3-3 protein beta/alpha (1-246) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTMDKSELVQ KAKLAEQAER YDDMAAAMKA VTEQGHESLN EERNLLSVAY KNVVGARRSS WRVISSIEQK TERNEKKQQM GKEYREKIEA ELQDICNDVL ELLDKYLIPN ATQPESKVFY LKMKGDYFRY LSEVASGDNK QTTVSNSQQA YQEAFEISKK EMQPTHPIRL GLALNFSVFY YEILNSPEKA CSLAKTAFDE AIAELDTLNE ESYKDSTLIM QLLRDNLTLW TSENQGDGEGD AGEGEN
Concentration:	lot specific
Purity:	>90% pure by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0, 1 mM EDTA, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human 14-3-3 beta was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003395</a>
Locus ID:	7529
UniProt ID:	<a href="#">P31946</a> , <a href="#">V9HWD6</a>
Cytogenetics:	20q13.12
Synonyms:	GW128; HEL-S-1; HS1; KCIP-1; YWHAA



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**Summary:**

This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

**Product images:**