

# Product datasheet for AR09104PU-L

### 14-3-3 protein zeta/delta (1-245, His-tag) Human Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** 14-3-3 protein zeta/delta (1-245, His-tag) human recombinant protein, 0.5 mg Species: Human E. coli **Expression Host:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMDK NELVQKAKLA EQAERYDDMA Expression cDNA Clone or AA Sequence: ACMKSVTEQG AELSNEERNL LSVAYKNVVG ARRSSWRVVS SIEQKTEGAE KKQQMAREYR EKIETELRDI CNDVLSLLEK FLIPNASQAE SKVFYLKMKG DYYRYLAEVA AGDDKKGIVD OSOOAYOEAF EISKKEMOPT HPIRLGLALN FSVFYYEILN SPEKACSLAK TAFDEAIAEL DTLSEESYKD STLIMQLLRD NLTLWTSDTQ GDEAEAGEGG EN Tag: His-tag **Concentration:** lot specific **Purity:** ≥95 by SDS PAGE **Buffer: Presentation State: Purified** State: Liquid purified protein Buffer System: PBS, pH 7.4 Liquid purified protein **Preparation: Protein Description:** Recombinant human YWHAZ, fused to His-tag at N-terminus, 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: NP 001129171 Locus ID: 7534 **UniProt ID:** <u>P63104, D0PNI1</u> **Cytogenetics:** 8q22.3 Synonyms: 14-3-3-zeta; HEL-S-3; HEL-S-93; HEL4; KCIP-1; POPCHAS; YWHAD



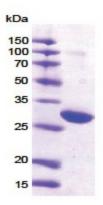
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|                | 14-3-3 protein zeta/delta (1-245, His-tag) Human Protein – AR09104PU-L  |
|----------------|---|
| Summary:       | This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction<br>by binding to phosphoserine-containing proteins. This highly conserved protein family is<br>found in both plants and mammals, and this protein is 99% identical to the mouse, rat and<br>sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in<br>regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that<br>encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008] |
| Protein Pathwa | ays: Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis, Pathogenic Escherichia coli infection  |

## **Product images:**



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