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**14-3-3 gamma**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9370

**Size:** 10µg

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**Synonym:** Tyrosine 3-monooxygenase / Tryptophan 5-monooxygenase activation protein gamma isoform; Protein kinase C inhibitor protein; KCIP-1.

**Description:** 14-3-3 is a general name given to a family of acidic, soluble, ubiquitously expressed 28kDa proteins that are the products of related but separate genes. They are considered isoforms and are named eta ( $\eta$ ), gamma ( $\gamma$ ), delta/zeta ( $\delta/\xi$ ), alpha/beta ( $\alpha/\beta$ ), theta/tau ( $\theta/\tau$ ), sigma ( $\sigma$ ) or epsilon ( $\epsilon$ ). Interactions are generally mediated by phosphorylation of specific binding sites in the target proteins. 14-3-3 proteins can exist as monomers, homodimers and heterodimers.

**RANDOX** recombinant 14-3-3 gamma comprises a 246 amino acid fragment (2-247) corresponding to the 14-3-3 gamma coding sequence and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:** Single band on Western blot.

**References:** Mhawech P. (2005) *Cell Research* **15** (4); 228-236.