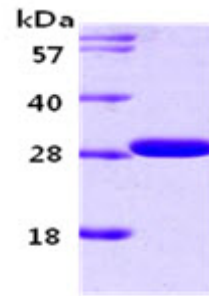


AR09101PU-N**Recombinant human 14-3-3 gamma (aa 1-247)**

Alternate names:	KCIP-1, Protein kinase C inhibitor protein 1, YWHAG
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	The 14-3-3 family of proteins plays a key regulatory role in signal transduction, checkpoint control, apoptotic and nutrient-sensing pathways. 14-3-3 proteins are highly conserved and ubiquitously expressed. There are at least seven isoforms, β , γ , ϵ , σ , ζ , τ and η that have been identified in mammals. The 14-3-3gamma, a subtype of the 14-3-3 family of proteins, was thought to be brain and neuron-specific. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways.
Uniprot ID:	P61981
NCBI:	NP_036611.2
GeneID:	7532
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: ≥ 95 by SDS-PAGE Buffer System: 20 mM Tris pH 7.5
Description:	Recombinant human 14-3-3 γ was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MVDREQLVQK ARLAEQAERY DDMAAMKNV TELNEPLSNE ERNLLSVAYK NVVGARRSSW RVISSIEQKT SADGNEKKIE MVRAYREKIE KELEAVCQDV LSLLDNYLIK NCSETQYESK VFYLLKMGDY YRYLAEVATG EKRA TVVVESS EKAYSEAHEI SKEHMQPTHP IRLGLALNYS VFYYEIQNAP EQACHLAKTA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSDQQDD DGEGENN Molecular weight: kDa (247 aa)
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Chen XQ, et al. (2005) <i>Glia</i> . 42(4):315-24. Chen XQ, Yu AC, et al. (2002) <i>J Biochem</i> . 23;296(3):657-63.

Pictures:



14-3-3 gamma, 1-247 aa: 15% SDS-PAGE (4 µg)

15% SDS-PAGE (3ug)

