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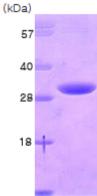
OriGene Technologies GmbH

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AR09102PU-N	Recombinant Human 14-3-3 eta (aa 1-246), His-tagged	
Alternate names:	Protein AS1, YWHA1, YWHAH	
Quantity:	0.1 mg	
Concentration:	1.0 mg/ml (By Absorbance at 280nm)	
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 n that have been identified in mammals. The 14-3-3n (eta), a subtype of the 14-3-3 family of proteins, was found in B cells, brain, cerebrospinal fluid etc. 14-3-3n interacts with and relocalizes the A20 zinc finger protein from the insoluble to the soluble fraction, suggesting a chaperone function.	
Uniprot ID:	<u>Q04917</u>	
NCBI:	<u>NP_003396.1</u>	
GenelD:	7533	
Species:	Human	
Source:	E. coli	
Format:	State: Liquid purified protein Purity: ≥95 by SDS-PAGE Buffer System: 20 mM Tris pH 8.0 containing 10% Glycerol	
Description:	Recombinant Human 14-3-3n, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLKMKGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQMQPTHP IRLGLALNFS VFYYEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSDQQDE EAGEGN Molecular weight: 30.3 kDa (266 aa), confirmed by MALDI-TOF	
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.	
General Readings:	 Sato S, Chiba T, Sakata E, Kato K, Mizuno Y, Hattori N, et al. 14-3-3eta is a novel regulator of parkin ubiquitin ligase. EMBO J. 2006 Jan 11;25(1):211-21. Epub 2005 Aug 11. PubMed PMID: 16096643. Chen J, Lee CT, Errico SL, Becker KG, Freed WJ. Increases in expression of 14-3-3 eta and 14-3-3 zeta transcripts during neuroprotection induced by delta9-tetrahydrocannabinol in AF5 cells. J Neurosci Res. 2007 Jun;85(8):1724-33. PubMed PMID: 17455326. 	

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

	AR09102PU-N: Recombinant Human 14-3-3 eta (aa 1-246), His-tagged		
Pictures:	14-3-3 eta, 1-246 aa, His-tagged: 15% SDS-PAGE (4 μg)	(kDa)	



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