

Product information

14-3-3 eta, 1-246aa

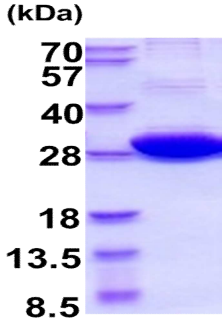
Human, Recombinant, *E.coli*

Cat. No. IBATGP3347

NCBI Accession No.: NP_003396

Synonyms: YWHAH, YWHA1

Description: 14-3-3 eta also as known as YWHAH. This protein belong to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. 14-3-3 eta interacts with and relocalizes the A20 zinc finger protein from the insoluble to the soluble fraction, suggesting a chaperone function. It implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binding to a large number of partners, usually by recognition of a phosphothreonine motif. Recombinant Human 14-3-3 eta was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol</p> <p>Molecular Weight: 28.2kDa (246aa)</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1mg/ml (determined by Absorbance at 280nm)</p>	 <p>(kDa)</p> <p>70</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLKMKGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQMTPHP IRLGLALNFS VFYYEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSQQQDE EAGEGN</p>	

General references:

Maksymowych WP., *et al.* (2014) *Arthritis Res Ther.* 16(2): R99.

Sato S., *et al.* (2002) *J Biol Chem.* 277: 39360-39367

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
 Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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