

14-3-3 eta recombinant protein

14-3-3 eta, 1-246aa, Human, His tag, E Coli

CATALOG # AAA48481	HOST E Coli	APPLICATIONS SDS-Page
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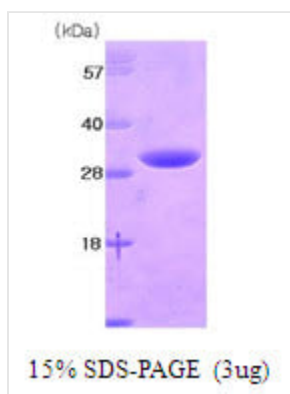
PRODUCT SYNONYMS

14-3-3 eta, 1-246aa; Human; His tag; E Coli; Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta polypeptide; YWHA1; YWHAH; Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; eta polypeptide; eta polypeptide 14 3 3 protein eta; HGNC:12853; Protein AS1; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein eta polypeptide; Tyrosine 3/tryptophan 5 monooxygenase activation protein eta polypeptide; YWHA 1.; 14-3-3 eta recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in 20mM Tris pH 8.0, 10% Glycerol.
Concentration	1 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLMKMGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQMOPHTP IRLGLALNFS VFYIEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSDQQDE EAGEGN
Sequence Length	246
Applicable Applications for 14-3-3 eta recombinant protein	SDS-PAGE
Preparation and 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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for 14-3-3 eta recombinant protein	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, beta, gamma, epsilon, sigma, zeta, tau and eta that have been identified in mammals. The 14-3-3eta (eta), a subtype of the 14-3-3 family of proteins, was found in B cells, brain, cerebrospinal fluid etc. 14-3-3eta interacts with and relocalizes the A20 zinc finger protein from the insoluble to the soluble fraction, suggesting a chaperone function. Recombinant human 14-3-3eta, fused to His-tag at N-terminus, was expressed in E Coli and purified by conventional chromatography techniques.
Product Categories/Family for 14-3-3 eta recombinant protein	Signal Transduction
References	Sato S., et al. (2006) EMBO J 25 (1):211-21; Chen J., et al. (2007), J Neurosci Res. 85 (8):1724-33;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507951
NCBI GeneID	7533
NCBI Accession #	NP_003396
NCBI GenBank Nucleotide #	NM_003405.3
UniProt Accession #	Q04917
Molecular Weight	30.3 kDa (266 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	14-3-3 protein eta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta
NCBI Official Symbol	YWHAH
NCBI Official Synonym Symbols	YWHA1
NCBI Protein Information	14-3-3 protein eta
UniProt Protein Name	14-3-3 protein eta
UniProt Gene Name	YWHAH
UniProt Synonym Gene Names	YWHA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ywhah-recombinant-protein-e-coli-sds-page/48481>