

14.3.3 zeta recombinant protein

14.3.3 zeta protein (His tag)

CATALOG # AAA107758	HOST Human	APPLICATIONS SDS-Page
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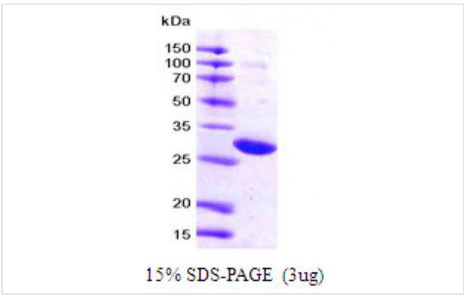
PRODUCT SYNONYMS

14.3.3 zeta; 14.3.3 zeta protein (His tag); Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein protein; Tyr-3/Trp-5 monooxygenase Activation protein protein; zeta polypeptide protein; Phospholipase A2 protein; Zeta; KCIP-1 protein; 14/3/3 zeta protein; 14-3-3 zeta; Protein kinase C inhibitor protein 1 protein; MGC111427 protein; 14-3-3 zeta protein; 14/3/3 zeta; Tyr3/Trp5 monooxygenase Activation protein protein; zeta polypeptide 14 3 3 protein zeta/delta protein; KCIP1 protein; YWHAZ protein; Zeta protein; 14.3.3 zeta recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 95% pure
Form/Format	Supplied as a liquid in PBS, pH 7.4.
Concentration	1 mg/ml (varies by lot)
Sequence	1-245amino acids:MRGS HHHHHHGMAS MTGGQQMGRD LYDDDDKDRW GSHMDKNELV QKAKLAEQAE RYDDMAACMK SVTEQGAELS NEERNLLSVA YKNVVGARRS SWRVVSSIEQ KTEGAEEKKQQ MAREYREKIE TELRDICNDV LSLLEKFLIP NASQAESKVF YLKMKGDIYR YLAEVAAGDD KKGIVDQSQQ AYQEAFFEISK KEMQPTHPIR LGLALNFSVF YYEILNSPEK ACSLAKTAFD EAIAELDTLS EESYKDSTLI MQLLRDNLTL WTSDTQGDEA EAGEGGEN
Sequence Length	245
Applicable Applications for 14.3.3 zeta recombinant protein	SDS-PAGE
Protein Type	Recombinant
Biological Significance	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. 14-3-3 zeta interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Recombinant human YWHAZ, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Source	E Coli
Tag/Conjugate	His tag
Biohazard	Recombinant protein with His tag. Use standard laboratory precautions when handling this material
Preparation and Storage	4°C short term; -20°C to -80°C long term. Avoid repeat freeze/thaws.

IMAGES



SDS-PAGE
Figure annotation denotes ug of protein loaded and % gel used.

ADDITIONAL INFORMATION

Related Product Information for 14.3.3 zeta recombinant protein	Purified recombinant Human 14.3.3 zeta protein
Product Categories/Family for 14.3.3 zeta recombinant protein	Signal Transduction; Conjugated Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	148233284
NCBI GeneID	379608
NCBI Accession #	NP_001079918.1
NCBI GenBank Nucleotide #	NM_001086449.1
Molecular Weight	32 kDa (245 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	14-3-3 protein zeta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta<
NCBI Official Symbol	ywhaz-b
NCBI Official Synonym Symbols	ywhaz; ywhazb; 14-3-3z; 14-3-3zeta
NCBI Protein Information	14-3-3 protein zeta
UniProt Protein Name	14-3-3 protein zeta
UniProt Gene Name	ywhaz
UniProt Entry Name	1433Z_XENLA

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://www.aaabiotech.com/ywhaz-recombinant-protein-human-sds-page/107758>