

Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Zeta (YWHAz) Recombinant Protein | YWHAz recombinant protein

Recombinant Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Zeta (YWHAz)

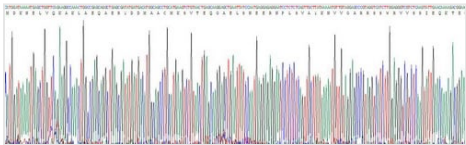
CATALOG # AAA133894	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

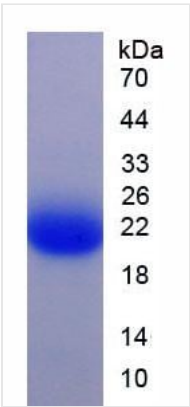
Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Zeta (YWHAz); Recombinant Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Zeta (YWHAz); YWHAz recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-MD KNELVQKAKL AEQAERYDDM AACMKSVTEQ GAELSNEERN LLSVAYKNVV GARRSSWRVV SSIEQKTEGA EKKQQMAREY REKIETELRD ICNDVLSLLE KFLIPNASQA ESKVFYLMKM GDYYRYLAEV AAGDDKKGIV DQSQQAYQEA FEISKKEMQP THPIRLGLAL NFSVFYYEIL NSPEKACSLA KTAFDEAIAE LDTLSEESYK DSTLIMQLLR DNLTWTSMT QGDEAEAGEG GEN
Sequence Length	245
Applicable Applications for YWHAz recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Met1~Asn245 (Accession # P63104) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

MDKNELVQKA KLAEAERYD DMAACMKSVT EQGAELSNEE RNLLSVAYKN
VVGARRSSWR VVSSIEQKTE GAEKKQOMAR EYREKIETEL RDICNDVLSL
LEKFLIPNAS QAESKVFYLK MKGDYYRYLA EVAAGDDKKG IVDQSQQAYQ
EAFEISKKEK QTPHPIRLGL ALNFSVFYFE ILNSPEKACS LAKTAFDEAI
AELDTLSEES YKOSTLIMQL LRDNLTLMWS DTQGDEAEAG EGGEN

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	208973238
NCBI GeneID	7534
NCBI Accession #	NP_001129171.1
NCBI GenBank Nucleotide #	NM_001135699.1
UniProt Accession #	P63104; P29213; P29312; Q32P43; Q5XJ08; Q6GPI2; Q6IN74; Q6NUR9; Q6P3U9; Q86V33; A8K1N0; B7Z465
Molecular Weight	29.3kDa
NCBI Official Full Name	14-3-3 protein zeta/delta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta
NCBI Official Symbol	YWHAZ
NCBI Official Synonym Symbols	HEL4; YWHAD; KCIP-1; HEL-S-3; 14-3-3-zeta
NCBI Protein Information	14-3-3 protein zeta/delta; 14-3-3 zeta; 14-3-3 delta; phospholipase A2; epididymis luminal protein 4; epididymis secretory protein Li 3; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; 14-3-3 protein/cytosolic phospholipase A2; tyrosine 3/tryptophan 5 -monooxygenase activation protein, zeta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta polypeptide
UniProt Protein Name	14-3-3 protein zeta/delta
UniProt Gene Name	YWHAZ
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433Z_HUMAN

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.