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32-3141: YWHAZ Recombinant Protein

Alternative Name :	YWHAZ,KCIP-1,MGC111427,MGC126532,MGC138156,14-3-3 protein zeta/delta,Protein kinase C inhibitor protein 1,Tyr-3/Trp- 5 Monooxygenase Activation Protein Zeta,14-3-3 Zeta.

Description

Source : Escherichia Coli. YWHAZ fused to His Tag on N-terminus Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 245amino acids (1-245) and having a molecular mass of 32 kDa. YWHAZ is purified by proprietary chromatographic techniques. YWHAZ accession number NP_ 663723 belongs to the 14-3-3 family of proteins which are in charge for checkpoint control, apoptotic & nutrient sensing pathways as well as signal transduction by binding to phosphoserine-containing proteins. The 14-3-3 protein family is found in both plants and mammals, and KCIP-1 protein is 99% identical to the mouse, rat and sheep orthologs. KCIP-1 interacts with IRS1 protein, signifying a role in regulating insulin. 14-3-3 proteins are highly conserved and ubiquitously expressed. There are at least 7 isoforms and that have been identified in mammals. YWHAZ function as an adapter protein involved in the regulation of a large spectrum of both general and specialized signaling pathway. YWHAZ binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	YWHAZ solution containing 1x PBS pH-7.
Storage condition :	YWHAZ Human Recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMDK NELVQKAKLA EQAERYDDMA ACMKSVTEQG AELSNEERNL LSVAYKNVVG ARRSSWRVVS SIEQKTEGAE KKQQMAREYR EKIETELRDI CNDVLSLLEK FLIPNASQAE SKVFYLKMKG DYYRYLAEVA AGDDKKGIVD QSQQAYQEAF EISKKEMQPT HPIRLGLALN FSVFYYEILN SPEKACSLAK TAFDEAIAEL DTLSEESYKD STLIMQLLRD NLTLWTSDTQ GDEAEAGEGG EN.

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