

32-3140: YWHAQ Recombinant Protein

Alternative Name : 14-3-3 theta, 14-3-3 tau, 14-3-3 T-cell, HS1, YWHAQ, 1C5, 14-3-3 Tau, Tyr-3/Trp- 5 Monooxygenase Activation Protein Theta.

Description

Source : Escherichia Coli. YWHAQ Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 245 amino acids (1-245) and having a molecular mass of 27 kDa. YWHAQ is purified by proprietary chromatographic techniques. 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 and that have been identified in mammals. The 14-3-3 tau, a subtype of the 14-3-3 family of proteins, was found in T Cells, brain and testes. This 14-3-3 tau is upregulated in patients with amyotrophic lateral sclerosis.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Content : YWHAQ solution containing 20mM Tris 7.5.
Storage condition : YWHAQ Human Recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid : MEKTELIQKA KLAEQAERYD DMATCMKAVT EQGAELSNEE RNLLSVAYKN
 VVGGRSAWRVISSIEQKTD TSDKKLQLIK DYREKVESEL RSICTTVLEL LDKYLIANAT
 NPESKVFYLMKMGDYFRYLA EVACGDDRQK TIDNSQGAYQ EAFDISKKEM QPHTPIRLGL
 ALNFSVFYIEILNNPELACT LAKTAFDEAI AELDTLNEDS YKDSTLIMQL LRDNLTLWTS
 DSAGEECDAA EGAEN.

