



Product Datasheet

Product Name	Tyr-3/Trp-5 Monooxygenase Activation Protein Gamma Human Recombinant, His Tag
Cata No	CB501432
Source	<i>Escherichia Coli</i> .
Synonyms	14-3-3 protein gamma, Protein kinase C inhibitor protein 1, KCIP-1, YWHAG, Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide.

Description

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, β , γ , ϵ , σ , ζ , τ and η that have been identified in mammals. The 14-3-3gamma, a subtype of the 14-3-3 family of proteins, was thought to be brain and neuron-specific. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways. YWHAG Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 246 amino acids (2-247) and having a molecular mass of 36 kDa. YWHAG is fused to His Tag and purified by proprietary chromatographic

techniques.

Physical Appearance

Sterile filtered colorless solution.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Formulation

YWHAG solution containing 1x PBS and 50% glycerol.

Stability

YWHAG Human Recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C.

Please prevent freeze thaw cycles.