
Product Data Sheet

Product Name: YWHAG Human, His
Cat. No.: GP22658
Batch No.: 1

Product Data

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|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| 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. | | |
| Formulation | YWHAG solution containing 1x PBS and 50% glycerol. | | |

Introduction

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 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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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