# 14-3-3γ (human), (recombinant) (GST-tag)

14-3-3 proteins are dimeric phosphoserine/phosphothreonine binding proteins, which have been shown to be involved in the regulation of many crucial processes such as signal transduction, cell-cycle control, apoptosis, protein localization, phosphorylation-state, stability, transcription, metabolism, and malignant transformation. Potential 14-3-3 γ protein–protein interactions are also differentially regulated by cytokine stimulation. One report showed that 14-3-3 γ expression is induced in arterial trauma by cytokines, which suggests that this protein may play an important role in progression of vascular proliferative diseases.

**Citations:** 2 View Online »

## Manuals, SDS & CofA View Online »

## Handling & Storage

| | |
|---|---|
| **Long Term Storage** | -80°C |
| **Shipping** | Dry Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Application Notes** | Can be used for protein-protein interaction studies and gel overlays. |
| **Formulation** | Liquid. In 50mM TRIS/HCl, pH 7.5, 150mM NaCl. |
| **MW** | ~60 kDa |
| **Purity** | ≥90% (SDS-PAGE) |
| **Purity Detail** | Purified by multi-step chromatography. |
| **Source** | Produced in *E. coli*. Human 14-3-3γ is fused at the N-terminus to a GST-tag. |
| **UniProt ID** | P61981 |

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