

Recombinant Human GSK3 α Protein

Catalog Number:PDEH100084



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

| | |
|------------------------------------|--|
| Synonyms | Glycogen synthase kinase-3 α ;GSK-3 α ;Serine/threonine-protein kinase GSK3A;GSK3A |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Ser97-Pro448 |
| Accession | P49840 |
| Calculated Molecular Weight | 39.4 kDa |
| Observed molecular weight | 39 kDa |
| Tag | N-His |

Properties

| | |
|-----------------------|---|
| Purity | > 80 % as determined by reducing SDS-PAGE. |
| Endotoxin | Please contact us for more information. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print |
| Reconstitution | Please refer to the printed manual for detailed information. |

Background

Constitutively active protein kinase that acts as a negative regulator in the hormonal control of glucose homeostasis, Wnt signaling and regulation of transcription factors and microtubules, by phosphorylating and inactivating glycogen synthase (GYS1 or GYS2), CTNNB1/beta-catenin, APC and AXIN1.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017