

## Recombinant human GSK3B protein

**Catalog#:**AC82085 Derived from E.coli

### **Description:**

Recombinant Human GSK3B protein is produced by our E.coli expression system with His tag.

Uniprot: P49841

Gene ID: 2932

**Size:**37 kDa

### **Formulation:**

Lyophilized from a 0.2 μm filtered solution of Urea, Tris-HCl, PH 8.0.

### **Shipping:**

The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.

### **Storage:**

Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.

### **Reconstitution:**

Reconstituted protein solution can be diluted with distilled PBS.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

### **Quality Control:**

(Liquid)Concentration: 1 mg/mL as determined by BCA.

Purity: 90% as determined by reducing SDS-PAGE.

### **Aminoacid:**

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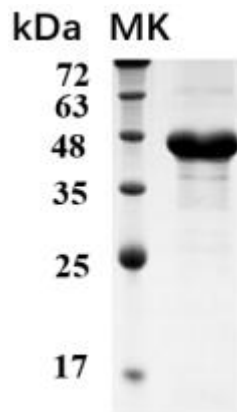


Recombinant protein is produced by our E.coli expression system and the target gene encoding 31-357aa is expressed with a 6\*His tag at the N-terminus.

**Background:**

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease.

Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



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