

## Recombinant Mouse Gsk3a protein, His & T7-tagged

**Cat. No.** Gsk3a-635M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse Gsk3a aa. (Ile122~Glu406 (Accession # Q2NL51)) fused with N-terminal His & T7 tag was produced in E. coli cells.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Ile122~Glu406   |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 36.5kDa   |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)  |
| <b>Purity</b>           | >95%  |
| <b>Characteristic</b>   | The isoelectric point is 9.   |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |  |
|-----------------------|--|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Storage buffer</b> | Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.                         |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.  |

## GENE INFORMATION

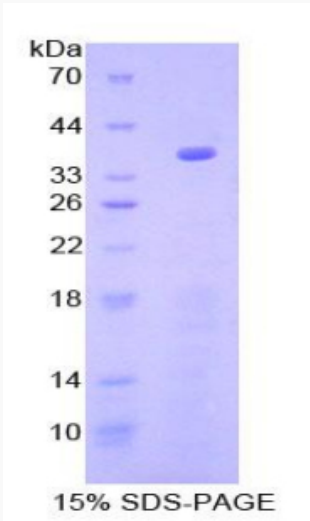
|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | Gsk3a glycogen synthase kinase 3 alpha [ <i>Mus musculus</i> (house mouse) ]   |
| <b>Official Symbol</b> | Gsk3a  |
| <b>Synonyms</b>        | Gsk3a; glycogen synthase kinase 3 alpha; 2700086H06Rik; glycogen synthase kinase-3 alpha; GSK-3 alpha; serine/threonine-protein kinase GSK3A |
| <b>Gene ID</b>         | 606496   |
| <b>mRNA Refseq</b>     | NM_001031667.1   |
| <b>Protein Refseq</b>  | NP_001026837.1   |
| <b>UniProt ID</b>      | Q2NL51   |

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**SDS-PAGE**



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