



**Creative Enzymes**

*Diagnostic Enzymes*

## Human CaMK1 $\alpha$ Protein (GST-Tag), Recombinant

### Product Information

|                         |   |
|-------------------------|---|
| <b>Cat#</b>             | TRA-461   |
| <b>Specification</b>    | 5 $\mu$ g(min)  |
| <b>Description</b>      | Full-length human CaMK1 $\gamma$ was produced as an N-terminal GST fusion protein 68 kDa in a baculovirus expression system. GST-CaMK1 $\gamma$ was purified by glutathione sepharose chromatography. |
| <b>Applications</b>     | For use as a positive control in CaMK1 $\alpha$ detection assays for calcium signaling research.  |
| <b>Synonyms</b>         | CAMK1, CAMKI, CaMKI   |
| <b>Source</b>           | Insect (sf21)   |
| <b>Molecular Weight</b> | 68 kDa  |
| <b>Class</b>            | Serine/Threonine Kinase   |
| <b>Group</b>            | CAMK  |
| <b>Family</b>           | CAMK1   |
| <b>Gene Name</b>        | CAMK1   calcium/calmodulin dependent protein kinase I   |
| <b>Sequence</b>         | 1-370 (end)   |
| <b>Accession Number</b> | NP_003647.1   |
| <b>Tag</b>              | GST-Tag   |
| <b>Tag Location</b>     | N-terminal GST  |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5   |
| <b>Storage</b>          | Store at -80°C. Avoid repeating freeze-thaws.   |

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