



**Creative Enzymes**

*Diagnostic Enzymes*

## Human EEF2K Protein (GST-Tag), Recombinant

### Product Information

|                         |  |
|-------------------------|--|
| <b>Cat#</b>             | TRA-559  |
| <b>Specification</b>    | 5µg(min)   |
| <b>Description</b>      | Full-length human EEF2K with the Q361R mutation was expressed as an N-terminal GST fusion protein 109 kDa using an E. coli expression system. GST-EEF2K was purified via glutathione sepharose chromatography. |
| <b>Applications</b>     | For use as a positive control in EEF2K detection assays for protein synthesis regulation research.   |
| <b>Synonyms</b>         | EEF2K, CaMKIII, HSU93850, eEF-2K   |
| <b>Source</b>           | E. coli  |
| <b>Molecular Weight</b> | 109 kDa  |
| <b>Class</b>            | Serine/Threonine Kinase  |
| <b>Group</b>            | Atypical   |
| <b>Family</b>           | Alpha  |
| <b>Gene Name</b>        | EEF2K   eukaryotic elongation factor 2 kinase  |
| <b>Sequence</b>         | 1-725 (end)  |
| <b>Accession Number</b> | NP_037434.2  |
| <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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