



# Creative Enzymes

Diagnostic Enzymes

## Human TNIK Protein (BTN-Tag), Recombinant

### Product Information

|                         |   |
|-------------------------|---|
| <b>Cat#</b>             | TRA-775   |
| <b>Specification</b>    | 10µg(min)   |
| <b>Description</b>      | The catalytic domain of human TNIK was produced as an N-terminal DYKDDDDK-tagged, biotinylated protein 39 kDa using a baculovirus expression system. Following purification with DYKDDDDK tag antibody agarose and activation with ATP, the activated protein was isolated by gel filtration. |
| <b>Applications</b>     | For use as a positive control in TNIK detection assays for Wnt signaling research.  |
| <b>Synonyms</b>         | TNIK, MRT54, KIAA0551   |
| <b>Source</b>           | Insect (sf21)   |
| <b>Molecular Weight</b> | 39 kDa  |
| <b>Class</b>            | Serine/Threonine Kinase   |
| <b>Group</b>            | STE   |
| <b>Family</b>           | STE20   |
| <b>Gene Name</b>        | TNIK   TRAF2 and NCK interacting kinase   |
| <b>Sequence</b>         | 1-314   |
| <b>Accession Number</b> | NP_055843.1   |
| <b>Tag</b>              | BTN-Tag   |
| <b>Tag Location</b>     | N-terminal DYKDDDDK   |
| <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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