

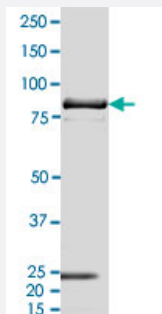
Bioactive

Full-Length

## FRK (Human) Recombinant Protein

Catalog # P4696      Size 100 ug

### Applications



### Result of activity analysis

Result of activity analysis

□

### Specification

|                             |                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human FRK (NM_002031, 1 a.a. - 505 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells. |
| <b>Host</b>                 | insect                                                                                                            |
| <b>Theoretical MW (kDa)</b> | 87.649                                                                                                            |
| <b>Form</b>                 | Liquid                                                                                                            |
| <b>Preparation Method</b>   | Insect cell (Sf9) expression system                                                                               |
| <b>Purification</b>         | One-step affinity purification using GSH-agarose                                                                  |
| <b>Concentration</b>        | 0.098 ug/uL                                                                                                       |

|                         |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| Activity                | 73 pmol/ug x min                                                                           |
| Quality Control Testing | 2 ug/lane SDS-PAGE Stained with Coomassie Blue                                             |
| Storage Buffer          | In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol) |
| Storage Instruction     | Store at -80°C.<br>Aliquot to avoid repeated freezing and thawing                          |
| Note                    | Result of activity analysis<br>Result of activity analysis                                 |

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — FRK

|                    |                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">2444</a>                                                                                                                                                                                                        |
| Protein Accession# | <a href="#">NM_002031</a>                                                                                                                                                                                                   |
| Gene Name          | FRK                                                                                                                                                                                                                         |
| Gene Alias         | GTK, PTK5, RAK                                                                                                                                                                                                              |
| Gene Description   | fyn-related kinase                                                                                                                                                                                                          |
| Omim ID            | <a href="#">606573</a>                                                                                                                                                                                                      |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                   |
| Gene Summary       | The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. [provided by RefSeq] |
| Other Designations | OTTHUMP00000017048 PTK5 protein tyrosine kinase 5 nuclear tyrosine protein kinase RAK tyrosine-protein kinase FRK                                                                                                           |

## Disease

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- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
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- [Schizophrenia](#)