

# Recombinant Human NRK protein, GST-tagged

**Cat. No.** NRK-15H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NRK(1483 a.a. - 1582 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                     |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1483-1582 a.a.                                                                                                                                                                            |
| <b>Description</b>      | The mouse ortholog of this gene encodes a protein kinase required for JNK activation. The encoded protein may be involved in the induction of actin polymerization in late embryogenesis. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                  |
| <b>Molecular Mass</b>   | 36.63 kDa                                                                                                                                                                                 |
| <b>AA Sequence</b>      | VEANEQLFKKILEMWKDIPSSIAFECTQRTTGWGQKAIEVRSLSRVLESELKRRSIK<br>KLRFLCTRGDKLFFSTLNRNHHSRVYFMTLGKLEELQSNDYV                                                                                   |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array                                                                               |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                    |

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** NRK Nik related kinase [ Homo sapiens ]

**Official Symbol** NRK

**Synonyms** NRK; Nik related kinase; nik-related protein kinase; DKFZp686A17109; NESK; FLJ16788; MGC131849;

**Gene ID** 203447

**mRNA Refseq** NM\_198465

**Protein Refseq** NP\_940867

**MIM** 300791

**UniProt ID** Q7Z2Y5

**Chromosome Location** Xq22.3

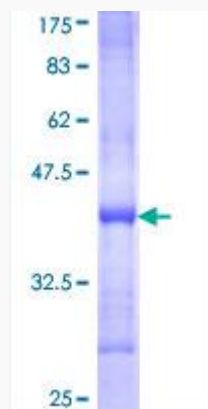
**Pathway** TNF receptor signaling pathway, organism-specific biosystem;

**Function** ATP binding; nucleotide binding; protein serine/threonine kinase activity; small GTPase regulator activity;

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