

## Recombinant Human DOK4, GST-tagged

Cat. No. DOK4-12129H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human DOK4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 227-326a.a.                                                                                                                                                       |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------|
| Gene Name       | DOK4 docking protein 4 [ Homo sapiens ]                                                                        |
| Official Symbol | DOK4                                                                                                           |
| Synonyms        | DOK4; docking protein 4; FLJ10488; IRS5; IRS-5; insulin receptor substrate 5; downstream of tyrosine kinase 4; |
| Gene ID         | 55715                                                                                                          |

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|                            |                                                                                 |
|----------------------------|---------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_018110                                                                       |
| <b>Protein Refseq</b>      | NP_060580                                                                       |
| <b>MIM</b>                 | 608333                                                                          |
| <b>UniProt ID</b>          | Q8TEW6                                                                          |
| <b>Chromosome Location</b> | 16q13                                                                           |
| <b>Pathway</b>             | Signaling events regulated by Ret tyrosine kinase, organism-specific biosystem; |
| <b>Function</b>            | insulin receptor binding; receptor signaling protein activity;                  |

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