

# Recombinant Full Length Human DOK6 Protein, GST-tagged

**Cat. No.** DOK6-3945HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DOK6 full-length ORF ( NP_689934.2, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 331 amino acids                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | DOK6 is a member of the DOK (see DOK1; MIM 602919) family of intracellular adaptors that play a role in the RET (MIM 164761) signaling cascade (Crowder et al., 2004 [PubMed 15286081]).[supplied by OMIM, Mar 2008]                                                                                                                                          |
| <b>Molecular Mass</b>   | 64.7 kDa                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MASNFNDIVKQGYVKIRSRKLGIFRRCWLVFKKASSKGPRRLEKFPDEKAAYFRNFH<br>KVTELHNIK NITRLPRETKKHAVAIIFHDETSKTFACESELEAEWCKHLCMECLGTRL<br>NDISLGEPDLLAAGVQREQNERFNVYLMPTPNLDIYGECTMQITHENIYLWDIHNAKV<br>KLVMWPLSSLRRYGRDSTWFTFESGRMCDTGEGLFTFQTREGEMIQKVHSATLAI<br>AEQHERLMLEMEQKARLQTSLTEPMTLSKSLPR SAYWHHITRQNSVGEIYSLQGH<br>GFGSSKMSRAQTFPSYAPEQSEEAQQPLSRSSSYGFSYSSSLIQ |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                              |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DOK6 docking protein 6 [ Homo sapiens ]                                                                             |
| <b>Official Symbol</b> | DOK6                                                                                                                |
| <b>Synonyms</b>        | DOK6; docking protein 6; docking protein 5 like , DOK5L; HsT3226; MGC20785; downstream of tyrosine kinase 6; DOK5L; |
| <b>Gene ID</b>         | 220164                                                                                                              |
| <b>mRNA Refseq</b>     | NM_152721                                                                                                           |
| <b>Protein Refseq</b>  | NP_689934                                                                                                           |
| <b>MIM</b>             | 611402                                                                                                              |
| <b>UniProt ID</b>      | Q6PKX4                                                                                                              |

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