

# Recombinant Human DOK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DOK3-1447H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DOK3 MS Standard C13 and N15-labeled recombinant protein (NP_079148) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | DOK3 (Docking Protein 3) is a Protein Coding gene. Among its related pathways are B Cell Receptor Signaling Pathway (sino) and GDNF-Family Ligands and Receptor Interactions. Gene Ontology (GO) annotations related to this gene include insulin receptor binding. An important paralog of this gene is DOK1.                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 53.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MTRGARLRSDARAQLNQLSLDGGTGSGQKGKCEEFPSSLSSVSPGLEAAALLAVT<br>MDPLETPIKDGILYQQHVKFGKKCWRKVWALLYAGGPSGVARLESWEVRDGGGLGA<br>AGDRSAGPGRRGERRVIRLADCVSVL PADGESCP RDTGAFLTTTTERSHLLAAQHR<br>QAWMGPICQLAFPGTGEASSGSTDAQSPKRGLVPMEE NSIYSSWQEVGEFPVVVQ<br>RTEAATRCQLKGPALLVLGPDAIQLREAKGTQALYSWPYHFLRKLGS DKGVSFEA<br>GRRCHSGEGLFAFSTPCAPDLCRAVAGAIARQRERLPELTRPQPCPLPRATSLPSL<br>DTPGELREMPPGPEPPTS RKMHLAEPGPQSLPLLLGPEPNDLASGLYASVCKRASG<br>PPGNEHLYENLCVLEASPTLHGGEPEPHEGPGSRSP TTSPIYHNGQDLSWPGPAN<br>DSTLEAQYRRLL EL DQVEGTGRPD PQAGFKAKLV TLLSRERRKGPAPCDRPTTRTP |

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LEQKLISEEDLAANDILDYKDDDDKV

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DOK3 docking protein 3 [ Homo sapiens (human) ]                                                       |
| <b>Official Symbol</b> | DOK3                                                                                                  |
| <b>Synonyms</b>        | DOK3; docking protein 3; FLJ22570; Dok-like protein; downstream of tyrosine kinase 3; DOKL; FLJ39939; |
| <b>Gene ID</b>         | 79930                                                                                                 |
| <b>mRNA Refseq</b>     | NM_024872                                                                                             |
| <b>Protein Refseq</b>  | NP_079148                                                                                             |
| <b>MIM</b>             | 611435                                                                                                |
| <b>UniProt ID</b>      | Q7L591                                                                                                |

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**SDS-PAGE**

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