Recombinant Human DOK1

Cat. No. DOK1-28084TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DOK1 with proprietary tag
Species	Human
Source	Wheat Germ
ProteinLength	481 amino acids
Description	The protein encoded by this gene is part of a signal transduction pathway downstream of receptor tyrosine kinases. The encoded protein is a scaffold protein that helps form a platform for the assembly of multiprotein signaling complexes. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	78.980kDa
Tissue specificity	Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells.
Biological activity	useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Reduced glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the DOK family. Type A subfamily.Contains 1 IRS-type PTB domain.Contains 1 PH domain.

GENE INFORMATION

Gene Name	DOK1 docking protein 1, 62kDa (downstream of tyrosine kinase 1) [Homo sapiens]
Official Symbol	DOK1
Synonyms	DOK1; docking protein 1, 62kDa (downstream of tyrosine kinase 1); docking protein 1, 62kD (downstream of tyrosine kinase 1); docking protein 1; p62dok;
Gene ID	1796
mRNA Refseq	NM_001197260
Protein Refseq	NP_001184189
MIM	602919
Uniprot ID	Q99704
Chromosome Location	2p13
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; IRS activation, organism-specific biosystem; IRS-

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	mediated signalling, organism-specific biosystem;
Function	insulin receptor binding; receptor signaling protein activity;

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