Recombinant Human DOK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DOK1-2125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DOK1 MS Standard C13 and N15-labeled recombinant protein (NP_001372) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	52.2 kDa
AA Sequence	MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPHGVARLEFFDHKGSSSGGGR GSSRRLDCKVIRLAECVSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWV QTLCRNAFPKGSWTLAPTDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAE RCGLHGSYVLRVEAERLTLLTVGAQSQILEPLLSWPYTLLRRYGRDKVMFSFEAGR RCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQGKAGQGHDVLRADSHEGEVAEG KLPSPPGPQELLDSPPALYAEPLDSLRIAPCPSQDSLYSDPLDSTSAQAGEGVQRKK PLYWDLYEHAQQQLLKAKLTDPKEDPIYDEPEGLAPVPPQGLYDLPREPKDAWWC QARVKEEGYELPYNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHN SALYSQVQKSGASGSWDCGLSRVGTDKTGVKSEGSTTRTRPLEQKLISEEDLAAND

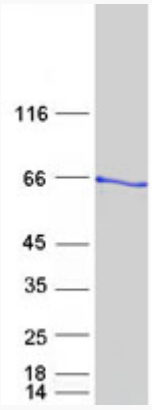
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	DOK1 docking protein 1 [Homo sapiens (human)]
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; pp62; p62(dok); Downstream of tyrosine kinase 1; docking protein 1 (downstream of tyrosine kinase 1); P62DOK; MGC117395; MGC138860;
Gene ID	1796
mRNA Refseq	NM_001381
Protein Refseq	NP_001372
MIM	602919

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UniProt ID	Q99704
SDS-PAGE	

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