

Recombinant Human DOK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DOK2-1233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DOK2 MS Standard C13 and N15-labeled recombinant protein (NP_003965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. This encoded protein binds p120 (RasGAP) from CML cells.
Molecular Mass	45.4 kDa
AA Sequence	MGDGA VKQGFLYLQQQQTFGKKWRRFGASLYGGSDCALARLELQEGPEKPRRCE AARKVIRLS DCLRVAEAGGEASSPRDTSAFFLET KERLYLLAAPAAERGDWVQAICL LAFPGQRKELSGPEGKQSRPCMEENELYS AVTVGPHKEFAVTMRPTEASERCHL RGSYTLRAGESALELWGGPEPGTQLYDWPYRFLRRFGRDKVTFSFEAGRRCVSGE GNFEFETRQGNEIFLALEE AISAQKNAAPATPQPQPATIPASLPRPDSPYSRPHDSL P PPSPTTPVPAPRPRGQEGEYAVPFDAVARSLGKNFRGILAVPPQLLADPLYDSIEET LPPRPDHIYDEPEGVAALSLYDSPQEPRGEAWRRQATADRD PAGLQHVQPAGQDF SASGWQPGTEYDNVVLKKGPKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

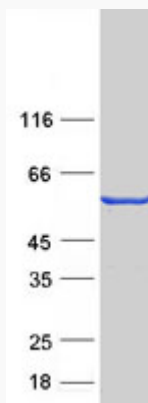
GENE INFORMATION

Gene Name	DOK2 docking protein 2 [Homo sapiens (human)]
Official Symbol	DOK2
Synonyms	DOK2; docking protein 2, 56kDa; docking protein 2, 56kD; docking protein 2; Dok 2; p56dok 2; p56(dok-2); downstream of tyrosine kinase 2; p56DOK; p56dok-2;
Gene ID	9046
mRNA Refseq	NM_003974
Protein Refseq	NP_003965
MIM	604997
UniProt ID	O60496

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SDS-PAGE

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