Recombinant Full Length Human DOK1 Protein, Flag tagged

Cat. No. DOK1-30H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human docking protein 1, 62 kDa (downstream of tyrosine kinase 1) (DOK1) with Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-481 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	52.2 kDa
AASequence	MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPHGVARLEFFDHKGSSSGGGR GSSRRLDCKVIRLAECVSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWV QTLCRNAFPKGSWTLAPTDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAE RCGLHGSYVLRVEAERLTLLTVGAQSQILEPLLSWPYTLLRRYGRDKVMFSFEAGR RCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQGKAGQGHDVLRADSHEGEVAEG KLPSPPGPQELLDSPPALYAEPLDSLRIAPCPSQDSLYSDPLDSTSAQAGEGVQRKK PLYWDLYEHAQQQLLKAKLTDPKEDPIYDEPEGLAPVPPQGLYDLPREPKDAWWC

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	QARVKEEGYELPYNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHN SALYSQVQKSGASGSWDCGLSRVGTDKTGVKSEGSTTRTRPLEQKLISEEDLAAND ILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 0.05 μg/μL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DOK1 docking protein 1, 62kDa (downstream of tyrosine kinase 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
Protein Refseq	NP_001372
MIM	602919

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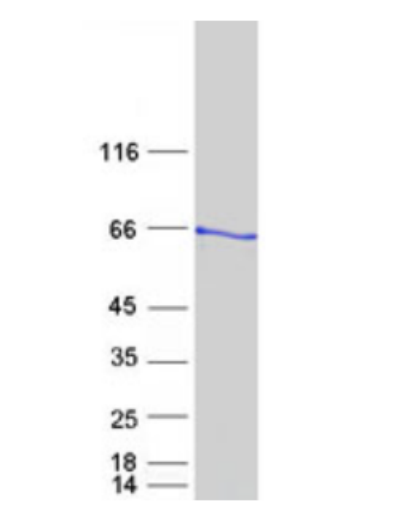
UniProt ID	Q99704
SDS-PAGE	

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