

Product datasheet for TP322370

DOK3 (NM_024872) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens docking protein 3 (DOK3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222370 representing NM_024872 Red =Cloning site Green =Tags(s)

MTRGARLRSDARAQLNQLSLDGGTGSGQKKGKCEEFSSLSVSPGLEAAALLLAVTMDPLETPIKDGILY
QQHVKFGKKCWRKVVALLYAGGPGSVARLESWEVRDGGGLGAAGDRSAGPGRRGERRVIRLADCVSLPAD
GESCPRDTGAFLLTTTTERSHLLAAQHRQAWMGPICQLAFPGTGEASSGSDAQSPKRGLVPMEEANSIYSS
WQEVGEFPVVVQRTEAATRCQLKGPALLVLGPDAIQLEAKGTQALYSWPYHFLRKLGSDKGVFSFEAGR
RCHSGEGLFAFSTPCAPDLCRAVAGAIARQRERLPELTRPQPCPLPRATSLPSLDTPGELREMPGPPEPP
TSRKMHLAEPGPQSLPLLLGPEPNDLASGLYASVCKRASGPPGNEHLYENLCVLEASPTLHGGEPEPHEG
PGSRSPPTSPIYHNGQDLSWPGPANDSTLEAQYRRILLELDQVEGTGRPDQPAGFKAKLVTLRSRRRKG
APCDRP

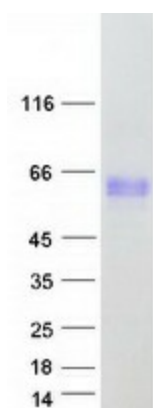
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	53.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	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°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079148</u>
Locus ID:	79930
UniProt ID:	<u>Q7L591, A0A024R7M5</u>
RefSeq Size:	1762
Cytogenetics:	5q35.3
RefSeq ORF:	1488
Synonyms:	DOKL
Summary:	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL1 function (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:

Coomassie blue staining of purified DOK3 protein (Cat# TP322370). The protein was produced from HEK293T cells transfected with DOK3 cDNA clone (Cat# [RC222370]) using MegaTran 2.0 (Cat# [TT210002]).