

## Product datasheet for PH322370

### DOK3 (NM\_024872) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DOK3 MS Standard C13 and N15-labeled recombinant protein (NP_079148)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222370
Predicted MW:	53.1 kDa
Protein Sequence:	>RC222370 representing NM_024872 Red=Cloning site Green=Tags(s)

MTRGARLRSDARAQLNQLSLDGGTGSQKQKCEEFSSLSVSPGLEAAALLLAVTMDPLETPIKDGILY  
QQHVKFGKCCWRKVVALLYAGGSPGVARLESWEVRDGGGAAGDRSAGPGRRGERRVIRLADCVSVLPAD  
GESCPDRTGAFLLTTTTERSHLLAAQHRQAWMGPIQCLAFPGTGEASSGSTDAQSPKRGLVPMEEINSIYSS  
WQEVGEFPVVVQRTEAATRCQLKGPALLVLGPDAIQLREAKGTQALYSWPYHFLRKLGSDKGVFSFEAGR  
RCHSGEGLFAFSTPCAPDL CRAVAGAIARQRERLPEL TRPQPCPLPRATSLPSLDTPGELREMPGPEPP  
TSRKMHLAEPGPQSLPLLLGPEPNDLASGLYASVCKRASGPPGNEHLYENLCVLEASPTLHGGEPEPHEG  
PGSRSPPTTSPIYHNGQDL SWPGPANDSTLEAQYRRLELDQVEGTGRDPQAGFKAKLVTLISRERRKGP  
APCDRP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

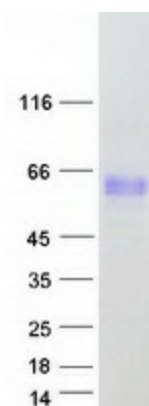
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_079148</a></u>
RefSeq Size:	1762
RefSeq ORF:	1488



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Synonyms:	DOKL
Locus ID:	79930
UniProt ID:	<a href="#">Q7L591</a> , <a href="#">A0A024R7M5</a>
Cytogenetics:	5q35.3
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]).