

## Product datasheet for PH317617

### DOK1 (NM\_001381) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DOK1 MS Standard C13 and N15-labeled recombinant protein (NP_001372)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217617
Predicted MW:	52.2 kDa
Protein Sequence:	>RC217617 representing NM_001381 Red=Cloning site Green=Tags(s)

MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPFGVARLEFFDHKGSSSGGGRGSSRRLDCKVIRLAEC  
VSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTLAPTDNPPKLSALEM  
LENSLYSPTWEGSQFWTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGAQSQILEPLLSWPYTLRRYG  
RDKVMFSFEAGRRCPSGPGTFTFQTAQGNDFQAVETAHRQKAQKAGQGHDVLRADSHEGEVAEGKLP  
SPPGPQELLDSPALYAEPLDSLRIAPCPSQDSL YSDPLDSTSAQAGEGVQRKKPLYWDL YEHAQQQLLK  
AKL TDPKEDPIYDEPEGLAPVPPQGLYDLPREPKDAWWCQARVKEEGYELPYNPATDDYAVPPRSTKPL  
LAPKPGPAFPEPGTATGSGIKSHNSALYSQVQKSGASGSWDCGLSRVGTDKTGKSEGST

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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>NP_001372</u>
RefSeq Size:	1908
RefSeq ORF:	1443
Synonyms:	P62DOK; pp62



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Locus ID: 1796

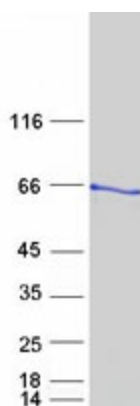
UniProt ID: [Q99704](#), [B3KP83](#)

Cytogenetics: 2p13.1

**Summary:** 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. [provided by RefSeq, Jan 2016]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified DOK1 protein (Cat# [TP317617]). The protein was produced from HEK293T cells transfected with DOK1 cDNA clone (Cat# [RC217617]) using MegaTran 2.0 (Cat# [TT210002]).