

Product datasheet for PH305015

NCKIPSD (NM_184231) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NCKIPSD MS Standard C13 and N15-labeled recombinant protein (NP_909119)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205015
Predicted MW:	78.2 kDa
Protein Sequence:	>RC205015 protein sequence Red =Cloning site Green =Tags(s)

MYRALYAFRSAEPNALAF AAGETFLVLERSSAHWWLAARARSGETGYVPPAYLRRLQGLEDVLQAIDRA
IEAVHNTAMRDGGKYSLEQRGVLQKL IHHRKETLSRRGPSASSVAVMTSSTSDHHLDAAAARQPNGVCRA
GFERQHSLPSSEHLGADGGLYQIPPQPRRAAPTPPPPVKRRDREALMASGSGGHNTMPSGGNSVSSGSS
VSSTSLDTLYTSSSPSEPGSSCSPTPPPVPRRGTHHTVSQVQPPPSKASAEPPAEVEVATGTTASDDL
EALGTLSTLGTTEEKAAAEAAVPRTIGAELMELVRRNTGLSHELCRVAIGIIVGHIQASVPASSPVMEQVL
LSLVEGKDL SMALPSGQVCHDQQRLEVIFADLARRKDDAQQRSWALYEDEGVIRCYLEELLHILTDADPE
VCKKMCKRNEFESVLALVAYYQMEHRASRLRLLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQDTQD
HQKLCYSALILAMVFSMGEAVPYAHYELGTPFAQFLLNIVEDGLPLDTTEQLPDL CVNLLLALNLHLP
ADQNVIMAALSKHANVKIFSEKLLLLNRGDDPVRIFKHEPQPPHSVLKFLQDVF GSPATAAIFYHTDMM
ALIDITVRHIADLSPGDKLRMESLSLMHAIVRTTPYLQHRHRLPDLQAILRRILNEEETSPQCQMDRMIV
REMCKEFLVLGEAPS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

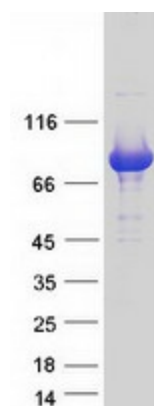
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_909119</u>



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RefSeq Size:	2979
RefSeq ORF:	2145
Synonyms:	AF3P21; DIP; DIP1; ORF1; SPIN90; VIP54; WASLBP; WISH
Locus ID:	51517
UniProt ID:	Q9NZQ3
Cytogenetics:	3p21.31
Summary:	The protein encoded by this gene contains a nuclear localization signal. It plays a role in signal transduction, and may function in the maintenance of sarcomeres and in the assembly of myofibrils into sarcomeres. It also plays an important role in stress fiber formation. This protein is involved in the formation and maintenance of dendritic spines, and modulates synaptic activity in neurons. The gene is involved in therapy-related leukemia by a chromosomal translocation t(3;11)(p21;q23) that involves this gene and the myeloid/lymphoid leukemia gene. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Aug 2019]

Product images:



Coomassie blue staining of purified NCKIPSD protein (Cat# [TP305015]). The protein was produced from HEK293T cells transfected with NCKIPSD cDNA clone (Cat# [RC205015]) using MegaTran 2.0 (Cat# [TT210002]).