

Product datasheet for TP524232

Dok7 (NM_172708) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse docking protein 7 (Dok7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224232 representing NM_172708 Red =Cloning site Green =Tags(s)

MLVYKDKCERSKGLRERSLTLIEDICGLEPALPYEGLAHTLAIICLSQAVMLGFDSHEAMCAWDTRIYA
LGEVHRFHVTVAPGTKLESXPATLHLCNDILVLARDIPPTVMGQWKLSDLRRYGAVPNGFIFEGGTRCGY
WAGVFFLSSAEGEQMSFLFDCIVRGISPTKGPFLRPVLPDPSSGGPSASEERVAQEALQLEKRLSL
LSHSGRPGSGGDDRSLSSSSEASHSDISASSRLTAWPEQSSSSAGTSQEGPGLVAAQGPGEAMLGASRP
PLKPLRPRQLQEVGRQSSSDGIATGSHSSYSGSFSSYAGSNLDVWRAGEEFGSLLSLPPGASAPEPRLC
ACPPGAAEYQVPTSLRHHYDTPRSLRQAPRDPSPASQSSDHGSATDLGGQAPTGCPSWLGARRRGQAT
EGPGSDAALPSPGESWEAGSPHAGPPPAFFLSCSICGGLKVMATSSPGFTVTHPGSPGRVAADSPGPE
RPHSEPTYVNIPIPISRPQLHYMDLELPGASAGVARGASTSRYAQIDIAATETAHRVGRHAQTREERL
PELEQRKKGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	60.1 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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Locus ID:	231134
RefSeq Size:	2483
Cytogenetics:	5 B2
RefSeq ORF:	1710
Synonyms:	A930013K19Rik; AW049091; Dok-7; EF-12; Oit5
Summary:	Probable muscle-intrinsic activator of MUSK that plays an essential role in neuromuscular synaptogenesis. Acts in aneural activation of MUSK and subsequent acetylcholine receptor (AChR) clustering in myotubes. Induces autophosphorylation of MUSK.[UniProtKB/Swiss-Prot Function]