

Product datasheet for TP518150

D130043K22Rik (NM_001081051) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA D130043K22 gene (D130043K22Rik), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218150 protein sequence Red=Cloning site Green=Tags(s)

MVSPPGVLSSLLLLAAMAGGSSQQCSEGRITYSDAIISPNPETIRIMRVSQTFVSGDCTAACCDLLTCDLA
WWFEGSCYLKCMRSENCEPRTTGPIRSYLTFVRRPVQRPGLLDYGDMMLSRGSPPSGAWGDSLEDLRKD
LPFLGKDGGPETEYSDEYKDLERGLLQPSNQDPRGSAEYPDWSLLPSNEGGFNATATGDNSAASMEK
LQDPTPHPLDQEQLQALNESTWSPTPGHSSISSVWPSSASPLPTEEGLEGEETLQLQEQPSNSSGKEVPM
PSHNPSPASLESSPATTEKNSNFTVTPRSRKHSTPTFPTSTVLTGLTPPWPLSPTASRTVKALAVSAGD
NLVLTLPDREAELKASVEPAPPADTTYSYEWLSMHPVDFQGGKIKQENKPTLHLSQLSVGLYAFRVAVSS
ENAFGEGYVNVTVMPAARVNQPPVAVVSPQTQELSVPLTSALIDGSQSTDDTEIVSYHWEEDVGPFLGEE
FPADTPILRLSNLVPGNVTFRLTITDSDGATNSTTASLVIRDAVDYPPVANAGPNQITITLPQNTIILNGN
QSSDDHQIVLYEWFAGPGGESKEMVMQGAQTPYLHLSLQEGEYTFQLMVTDSSGQQSTALVAVTVQAEN
NQAPVAVAGPDKELVFPVQSATLDGSRSSDDHGIVCYHWEHIRGPSAVEMENVDKAIATVTGLQVGIYHF
RLTVRDQQGLSSTSTLTVAVKKENNSPPRAQAGRHVILPNNISITLDGSRSTDDRGIVSYLWIRDGQSP
AAGDVIGGSDHRAALQLTNLVEGVYTFHLLVTDSQGASDSAATVEVLPDPKKDGLVELILQVGVEQLTE
QQKETLVRQLAVLLNVLDSDVKLKIQAHTDVSTVIVFYVQSGSPFKVLRAAAVARNLHKRLSKEKEAFL
LFKVLRVDTAGCLLKCSGHGHCDPITKRCICSQLWMENLIQRYMWDGESNCEWSVFVYAALALTLTLTG
AVSWLCICCCRRRKRTKIRKTKYTILDSMDEQERMELRPKYGIKHRSTEHNSSLMVSESEFESDQDTLF
SRERMERGVLKGSLLNGCARNGVVSGFYYSKDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	118 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



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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.
RefSeq:	NP_001074520
Locus ID:	210108
UniProt ID:	Q5SZV5 , Q3UFC3
RefSeq Size:	4977
Cytogenetics:	13 A3.1
RefSeq ORF:	3246
Synonyms:	4930451E12Rik; Kiaa0319
Summary:	This gene encodes a transmembrane protein that contains a large extracellular domain with multiple polycystic kidney disease (PKD) domains. The encoded protein may play a role in the development of the cerebral cortex by regulating neuronal migration and cell adhesion. Single nucleotide polymorphisms in a similar gene in human are associated with dyslexia. Alternatively spliced transcript variants have been identified. [provided by RefSeq, May 2015]