

Product datasheet for **TP512089**

Nup210 (BC052468) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse nucleoporin 210 (cDNA clone MGC:63418 IMAGE:6835038), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA Clone or AA Sequence: >MR212089 protein sequence
Red=Cloning site Green=Tags(s)

MARASLVQPALWALLLLQVVGPA AAAAKLNIPKVLLPFTRATRVNFTLEASEG CYRWSSTRPEVASIEPLG
 SSEQQCSQKAVVQARLTQPARLTSIIFAEDITTGQVLRCD AIVDLIHGIQIVSTTRELYLEDSPLELKIQ
 ALDSEGNTFSTLAGLVFDWTIVKDTEANGFSDSHNALRILTFLESTYIPPSYISEMEKAAKQGD TILVSG
 MKTGSSKLKARIQEAVYKNVRPAEVRLLILENILLNPAYDVYLLVGTSIHYKVQKIRQGKITELSMPSDQ
 YELQLQNSIPDPQGD PARPVAILTQDTSRV TAMQMGSNLVLGHR SIRMQGASRLPNSTIYVVEAGYLGF
 TVYPGDRWVLETGHL YAITIEVFDRSSNKVYPSDNIRIEAVLP AEFFEV LSSSQNGSYHHIRAIQSGQTA
 ISATLTSVVDQDGGVHVLQVPVWNQQEVDIHIPITLYPSILTFPWQPKTGAYQYTIKAHGGSGNFSWSSS
 SSMVATVTVKGVMTTSGDTGLSVIRAHVDVQNPLHFGEMKVYVIEPSSMEFAPCQVEARVGHTLELPLTIS
 GFMPGGGSEVTLSDCSHFDLVVEVENQGVFQPLPGRLPPGPEHCSGVKVKADAQGSTTLLVSYTHGHV
 H
 LDAKITLAAYLPLKAVDPSSVAVVTLGSSKEMLFEGGPRPWVLEPSKFFRNVTSED TGSISL SLLGPPAS
 RNYQQHRVLMTCQALGEQLDLS CPLLQQNKQVVPVSSHRLPLDLGAYDQQGRRFDNFSSLSIQWESS
 RP
 LLASIELDQPMQLVSQDDGNGQKKLHGLQTVSVHEASGTTAISATATGYQQSHLSEARVKQPHDPLVPVS
 ASIELILVEDVRVSPEEMTIYNHPGVQVELYITEGSGYFFLNTSTQDIK VAYQDTRGVALVHPLLPGSS
 TVMVHDLCLAFPAKAIHVSDIQELYVRVVDKVEIGKAVKAYVRVLD FYKKPFLAKYFTFMDLKLQAA
 SQIITLVTLDEALDNYTATFLVHGVAIGQTSLSASVTDKSGQRVSSTPQQIEVFPPFRLIPRKVTLIIGA
 MMQITSEGGPQPQSNILFSINNESVA AVSSSGLVRGLMVGN GSVLVGVQAVDAETGKVIIVSQDLVEVEV
 LQLQAVRIRAPITRMRTGTQMPVFVTGITSNQSPFSFGNAV PGLTFHWSVTKRDVLDLRGRHHEVSIRLP
 PQYNFAMNVYGRVKGRTGLRVVVKALDPTAGQLHGLGKELSDEIQVFEKLRLLNPEIEAEQILMSPNS
 FIKLQTNRDGAAILS YRVLDGPEKAPIVHTDEKGFLVSGSGIGVSTLE VIAQEPFGTNQTILVAVKVSPV
 SYLRISMSPVLHTQHKEALTALPLGMTVT FIVHFHDSSGDIFHAHNSVLNFATNRDDFVQIGKGATNNTC
 IIRTVSVGLTLLHVWDVEHLGLSDFVPLPVLQAITPELSGAVVGDILCLASVLTSLGGVSGTWSSSASH
 VLYVDPKTGVAIARDAGSVTVYYE IAGQLKTFKEIVVGTPQKIVARRLHSAQTSIQEATASKVTVSVGDR
 SSNLLGECSPAQREAIEALHPESLISCQLQFKQDVDFPACDVFTVEPGFDAALGQYLC SVTMRRLTDKQ
 LKHLNMKKTSLAVTASIPSSYTSVEKVGA EVPFSPGLYANQAEILLSNHYSSEVKVFGAVESLENLEVK
 SGSPAVLAFVKEKSFGLP SFITYTVGVLDPTAGSQGPLSTALT FSSPATNQAITIPVTVAFVLD RRGPGP
 YGASLLSHFLDSYQVMFFTF FALLAGTAVTIIAYHTVCAPRELASPLALT PRASPQHSPHYLASSPAAFN
 TLPSGRKASPPSGLWSPAYASH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 199.5 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.
Locus ID:	54563
UniProt ID:	<u>Q9QY81</u>
RefSeq Size:	6914
Cytogenetics:	6 40.3 cM
RefSeq ORF:	5526
Synonyms:	9830001L10, gp190, gp210
Summary:	Nucleoporin essential for nuclear pore assembly and fusion, nuclear pore spacing, as well as structural integrity.[UniProtKB/Swiss-Prot Function]