

Product datasheet for **TP316942M**

Neogenin (NEO1) (NM_002499) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human neogenin homolog 1 (chicken) (NEO1), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA >RC216942 representing NM_002499
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MAAERGARRLLSTPSFWLYCLLLLGRRAPGAAAARSGSAPQSPGASIRTFPPFYFLVEPVDTLVSRGSSV
ILNCSAYSESPKIEWKKDGTFLNLVSDRRQLLPDGSLFISNVVHSHKHNKPDEGYQCVA TVESLGTII
SRTAKLIVAGLPRFTSQPEPSSVYAGNNAILNCEVNADLVPFVRWEQNRQPLLLDDRVIKLP SGM LVISN
ATEGDGGLYRCVWESGPPKYSDEVELKVLDPDEVISDLVFLKQPSPLVRVIGQDVLPCVASGLPTPTI
KWMKNEEALDTESSERLVLLAGGSLEISDVTEDDAGTYFCIADNGNETIEAQAELTVQAQPEFLKQPTNI
YAHESMDIVFECEVTGKPTPTVKWVKNMGDMVIPSDYFKIVKEHNLQVLGLVKSDEGFYQCAENDVGN AQ
AGAQLIILEHAPATTGPLPSAPRDVVASLVSTRFIKLTWRTPASDPHGDNLTVSVFYTKEGIARERVENT
SHPGEMQVTIQNLMPATVYIFRVMAQNKHGSSESSAPLRVETQPEVQLPGPAPNL RAY AASPTSITVTWE
TPVSGNGEIQNYKLYMEKGT DKEQD VDVSSH YTINGLKKYTEYSFRVWAYNKHGPGVSTPDVAVRTLS
DVPSAAPQNL SLEVRNSK SIMIHWQPPAPATQNGQITGYKIRYKASRKS DVTETLVSGTQLS Q LIEGLD
RGTEYNFRVAALTINGTGPATDWLSAETFESDLDETRVPEVPSSLHVRPLVTSIVSWTTPPENQNI VVRG
YAIGYGIGSPHAQTIKVDYKQRYTIENTLDPSSHYVITLKA FN NVGEGIPLYESAVTRPHTDTSEVDLFV
INAPYTPVPDPTPMMPPVGVQASILSHD TIRITWADNSLPKHQKITDSRYT VTRWKTNIPANTKYKNANA
TTLSYLV TGLKPNTLYEFSVMVTKGRRSSTWSMTAHGTT FELVPTSPPKDVTVSKGPKTIIVNWQPP
SEANGKITGYIIYSTDVNAEIH DWVIEPVGNRLTHQIQELT DTPYYFKIQARNSKGMGPMSEAVQFR
TPKADSSDKMPNDQASGSGGKGSRLPDLGSDYKPPMSGNSPHGSPTSPLDSNMLLVIIVSVGVITIVV
VIIAVFCTRRRTTSHQKKKRAACKSVNGSHKYKGN SKDVKPPDLWIHHERLELKPIDKSPDPNPIMTDTPI
PRNSQDITPVDNSMDSNIHQRRNSYRGHESEDSMSTLAGRRGMRPKMMMPFDSQPPQPVISAHPIHSLDN
PHHHFHSSSLASPARSHLYHPGSPWPIGTSMSLSDRANSTESVRNTPSTDTMPASSSQTCTDHDQDEGA
TSSSYLASSQEEDSGQLPTAHVRPSHPLKSAFVAIPPPGPPTYDPALPSTPLLSQQALNHHIHSVKTA
SIGTLGRSRPPMPVVVPSAPEVQETTRMLEDSESSYEPDELTKEMAHLEGLMKDLNAITTA

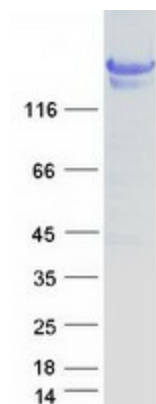
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 156.4 kDa



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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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_002490
Locus ID:	4756
UniProt ID:	Q92859 , Q59FP8
RefSeq Size:	5297
Cytogenetics:	15q24.1
RefSeq ORF:	4383
Synonyms:	IGDCC2; NGN; NTN1R2
Summary:	<p>This gene encodes a cell surface protein that is a member of the immunoglobulin superfamily. The encoded protein consists of four N-terminal immunoglobulin-like domains, six fibronectin type III domains, a transmembrane domain and a C-terminal internal domain that shares homology with the tumor suppressor candidate gene DCC. This protein may be involved in cell growth and differentiation and in cell-cell adhesion. Defects in this gene are associated with cell proliferation in certain cancers. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]</p>
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)

Product images:

Coomassie blue staining of purified NEO1 protein (Cat# [TP316942]). The protein was produced from HEK293T cells transfected with NEO1 cDNA clone (Cat# [RC216942]) using MegaTran 2.0 (Cat# [TT210002]).