

Product datasheet for TP313422M

Entactin (NID1) (NM_002508) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nidogen 1 (NID1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213422 representing NM_002508 Red=Cloning site Green=Tags(s)

MLASSSRIRAAWTRALLPLLLAGPVGCLSRQELFPFGPGQGDLELEDGDDFVSPAELSGALRFYDRSD
IDAVYVTNGIATSEPPAKESHPLFPPTFGAVAPFLADLDTTDLGKVVYREDLSPSITQRAAECVHR
GFPEISFQPSSAVVWTWESVAPYQGSRDPDQKGRNTFQAVLASSDSSSYAIFLYPEDGLQFHHTFSKK
ENNQVPAVVAFSQGSVGLWKSNGAYNIFANDRESIENLAKSSNSGQQGWWFEIGSPATTNGVVPADVI
LGTEDGAEYDDEDYDLATTRLGLEVDGTTPSYKALRRGGADTYSVPSVLSPRRAATERPLGPPTERT
RSFQLAVETFHQHPQVIDVDEVEETGVVFSYNTDSRQTCANNRHQCSVHAECRDYATGFCCSCVAGYTG
NGRQCVAEGSPQRVNGKVKGRIFVGSQVPIVFENTDLHSYVMMNHGRSYTAISTIPETVGYSLPLAPV
GGIIGWMMFAVEQDGFKNQFSITGGEFTRQAEVTFVGHGPNLVKQRFSGIDEHGHILTIDTELEGRVPQIP
FGSSVHIEPYTELYHYSTSVITSSSTREYTVTEPERDGASPSRIYTYQWRQTITFQECVHDDSRPALPST
QQLSVDSVFLYNQEEKILRYALSNSIGPVREGSPDALQNPCYIGTHGCDTNAACRPGPRTQFTCECSIG
FRGDGRTCYDIDECSEQPSVCGSHTICNNHPGTFRCECEVEGYQFSDEGTCVAVDQRPINYCETGLHNCD
IPQRAQCIYTGSSYTCCLPGFSGDGQACQDVDECHPSRCHPDAFCYNTPGSFTCQCKPGYQGDGFRCV
PGEVEKTRCQHEREHILGAAGATDPQRPIPPGLFVPECDAHGHYAPTQCHGSTGYCWCVDRDGREVEGTR
TRPGMTPPCLSTVAPPIHQGPAVPTAVIPLPPGTHLLFAQTGKIERLPLEGNTMRKTEAKAFLHVPKVI
IGLAFDCVDMVYWTDITEPSIGRASLHGGEPTTIIRQDLGSPEGIAVDHLGRNIFWTDNSNLDRIEVAKL
DGTQRRVLFETDLVNPRGIVTDSVRGNLYWTDWNRDNPKIETSYMDGTNRRILVQDDLGLPNGLTFDAFS
SQLCWVDAGTNRAECLNPSQPSRRKALEGLQYPFAVTSYGKNLYFTDWKMNSVALDLAISKETDAFQPH
KQTRLYGITTALSQCPQGHNYCSVNNGGCTHLCLATPGSRTCRCPDNTLGVDCIEQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

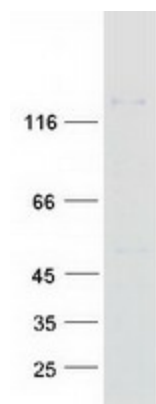
Tag:	C-Myc/DDK
Predicted MW:	133.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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_002499
Locus ID:	4811
UniProt ID:	P14543
RefSeq Size:	4898
Cytogenetics:	1q42.3
RefSeq ORF:	3741
Synonyms:	NID
Summary:	This gene encodes a member of the nidogen family of basement membrane glycoproteins. The protein interacts with several other components of basement membranes, and may play a role in cell interactions with the extracellular matrix. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified NID1 protein (Cat# [TP313422]). The protein was produced from HEK293T cells transfected with NID1 cDNA clone (Cat# [RC213422]) using MegaTran 2.0 (Cat# [TT210002]).