

Product datasheet for TP310661

NOSTRIN (NM_001039724) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nitric oxide synthase trafficker (NOSTRIN), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210661 protein sequence Red=Cloning site Green=Tags(s)

MRDPLTDCPYNKVYKNLKEFSQNGENFCKQVTSVLQQRANLEISYAKGLQKLASKLSKALQNTRKSCVSS
AWAWASEGMKSTADLHQKLGKAIKPTQVNLNVQEKRRKSLDNEVEKTANLVISNWNQIQAKKKL
MVSTKKHEALFQLVLESSQSMTEKEKRKLLNLTKSTEKLEKEDENYYQKNMAGYSTRKWKENTLENCYQ
SILELEKERIQLLCNLNQYSQHISLFGQTLTTCHTQIHCAISKIDIEKDIQAVMEETAILSTENKSEFL
LTDYFEEDPNSAMDKERRKSLKPKLLRLQRDIEKASKDKEGLERMLKTYSSFSFSDAKSQKDTAALMD
ENNLKLDLLEANSYKLSSMLAELEQRPQPSHPCSNSIFRWREKEHTHSYVKISRPFMKRLENIVSKASS
GGQSNPGSSTPAPGAAQLSSRLCKALYSFQARQDDELNLEKGDVVIHEKKEEGWWFGSLNGKKGHFPAA
YVEELPSNAGNTATKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

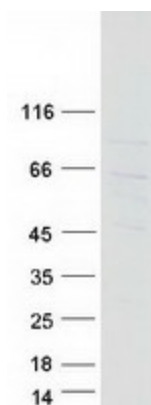
Tag:	C-Myc/DDK
Predicted MW:	57.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_001034813
Locus ID:	115677
UniProt ID:	Q8IVI9
RefSeq Size:	1947
Cytogenetics:	2q24.3
RefSeq ORF:	1518
Synonyms:	DaIP2
Summary:	Nitric oxide (NO) is a potent mediator in biologic processes such as neurotransmission, inflammatory response, and vascular homeostasis. NOSTRIN binds the enzyme responsible for NO production, endothelial NO synthase (ENOS; MIM 163729), and triggers the translocation of ENOS from the plasma membrane to vesicle-like subcellular structures, thereby attenuating ENOS-dependent NO production.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified NOSTRIN protein (Cat# TP310661). The protein was produced from HEK293T cells transfected with NOSTRIN cDNA clone (Cat# [RC210661]) using MegaTran 2.0 (Cat# [TT210002]).