

Product datasheet for TP511704

Nos2 (NM_010927) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nitric oxide synthase 2, inducible (Nos2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211704 representing NM_010927
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MACPWKFLFKVKSYSQSDLKEEKDINNNVKKTPCAVLSPTIQDDPKSHQNGSPQLLTGTAQNVPESLDKLH
VTSTRPQYVRIKNWGSGEILHDTLHHKATSDFTCKSKSCLGSIMNPKSLTRGPRDKPTLEELLPHAEF
INQYGSFKEAKIEEHLARLEAVTKEIETTGTQYQLTDELIFATKMAWRNAPRCIGRIQWSNLQVFDARN
CSTAQEMFQHICRHILYATNNGNIRSAITVFPQRS DGKHDFRLWNSQLIRYAGYQMPDGTIRGDAATLEF
TQLCIDLGWKPRYGRFDVLPVLQADGQDPEVFEIPDLVLEVTMEHPKYEFQELGLKWYALPAVANML
LEVGGLEFPACPFNGWYMGTEIGVRDFCDTQRYNILEEVGRRMGLEHTLASLWKDRAVTEINVAVLHSF
QKQNVTIMDHHTASESFMKHMQNEYRARGGCPADWIWLVPPVSGSITPVFHQEMLNLYLSPFYFYQIEPW
KTHIWQNEKLRPRRREIRFRVLVKKVFFASMLMRKVMASRVRATVLFATETGKSEALARDLATLFSYAFN
TKVVCMDQYKASTLEEEQLLLVTSTFGNGDCPSNGQTLKKSFLMLRELNHTFRYAVFGLGSSMYPQFCA
FAHDIDQKLSHLGASQLAPTGEDELQSGQEDAFRSWAVQTFRAACETFDVRSKHHIQIPKRFTSNATWEP
QQYRLIQSPEPLDLNRLSSIHAKNVFTMRLKSQQNLQSEKSSRTLLVQLTFEGSRGPSYLPGEHLGIF
PGNQALVQGILERVDCPTPHQTVCLEVLDESQSYWVKDKRLPPCSLSQALTYFLDITTPPTQLQLHKL
ARFATDETRQRLEALCQPSEYNDWKFSNNPTFLEVLEEFPSLHVPAFLLSQLPILKPRYYSISSSQDH
TPSEVHLTVAVTYRTRDGGQLHHGVCSTWIRNLKPPQDPVPCFVRSVSGFQLPEDPSQPCILIGPGTGI
APFRSFQQRLHDSQHKGLKGRMSLVFGCRHPEEDHLYQEEMQEMVRKRVLFQVHTGYSRLPGKPKVYV
QDILQKQLANEVLSVLHGEQGHLYICGDVRMARDVATTLKLVATKLNLSSEQVEDYFFQLKSQKRYHED
IFGAVFSYGAKKGSALPEPKATRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

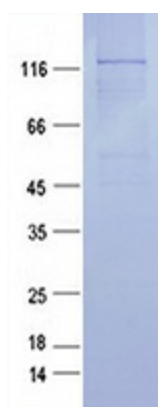
Tag:	C-MYC/DDK
Predicted MW:	131 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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_035057
Locus ID:	18126
UniProt ID:	P29477
RefSeq Size:	3990
Cytogenetics:	11 46.74 cM
RefSeq ORF:	3432
Synonyms:	i-NOS; iNOS; MAC-NOS; N; No; Nos-2; NOS-II; Nos2a
Summary:	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase that is inducible by a combination of lipopolysaccharide and certain cytokines. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

Product images:



Purified recombinant protein Nos2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.