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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

NOS2

Human, recombinant, N-terminal His-Flag tag

Catalog #: 70015

Lot#: 121018

Conc.: 0.15 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 80 ng/μl FLAG peptide, and 20% glycerol.

Stability: >6 months at -80 °C

References:

1. Hobbs, MR, *et al.*, *Lancet*. 2002 Nov 9;**360(9344)**:1468-75.
2. Okayama, H., *et al.*, *Int J Cancer*. 2012 May 23. doi: 10.1002/ijc.27644.

Description:

Human nitric oxide synthase 2 (NOS2) or inducible NOS (iNOS) (GenBank Accession No. NM_000625), amino acids 2 – 1153 (end) with N-terminal His-Flag tag, MW= 133 kDa, expressed in a baculovirus infected Sf9 cell expression system.

Application:

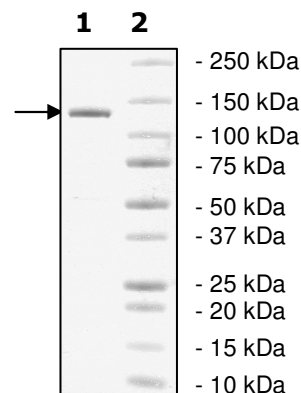
Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg NOS2
Lane 2:
Protein Marker

MW: 133 kDa
Purity: ≥97%



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Protein Sequence:

MHHHHHDYKDDDDK ACPWKFLFKTKFHQYAMNGEKDINNNVEKAPCATSSPVTQD
DLQYHNLSKQQNESPQPLVETGKKSPESLVKLDATPLSSPRHVRIKNWGSMTFQDT
LHHKAKGILTCRSKSLGSIMTPKSLTRGPRDKPTPPDELLPQAIEFVNQYYGSFKEA
KIEEHLARVEAVTKEIETTGTQYQLTGDELIFATKQAWRNAPRCIGRIQWSNLQVFDARS
CSTAREMFEHICRHVRYSTNNGNIRSAITVFPQRS DGKHDFRVWNAQLIRYAGYQMP
DGSIRGDPANVEFTQLCIDLGWKPKYGRFDVVPLVLQANGRDPELFEIPDLVLEVAM
EHPKYEFRELELKWYALPAVANMLLEVGGLEFPGCPFNWYMGTEIGVRDFCDVQ
RYNILEEVGRRMGLETHKLASLWKDQAVVEINI AVLHSFQKQNVTIMDHSAAESFMK
YMQNEYRSRGGCPADWIWL VPPMSG SITPVFHQEMLN YVLSPFY YQVEAWKTHVW
QDEKRRPKRREIPLKVLVKA VLFACMLMRKT MASRVRV TILFATETGKSEALAWDLG
ALFSCAFNPKVVCMDKYRLS CLEERLLL VVTSTFGNGDCPGNGEKLKKS LFMKEL
NNKFRYAVFGLGSSMYPRFC AFAHDIDQKLSHLGASQLTPMGEGDEL SGQEDAFRS
WAVQTFKAACETFDVRGKQHIQIPKLYTSNVTWDPHHRVQLVQDSQPLDLSKALSSMH
AKNVFTMRLKSRQNLQSPTSSRATILVELSCEDGQGLNYLPGEHLGVC PGNQPALVQ
GILERVVDGPTPHQTVRLEALDESGSYWVSDKRLPPCSLSQALTYFLDITTPPTQLLL
QKLAQVATEEPERQRLEALCQPSEYSKWKFTNSPTFLEVLEEFPSLRVSAGFLLSQL
PILKPRFYSISSRDHTPTEIHLTVAVVTYHTRDGGGPLHHGVCSTWLNLSKQPDPVP
CFVRNASGFHLPEDPSHPCILIGPGTG IAPFRSFWQQRLHDSQHKGVRGGRMTLVFG
CRRPDEDHIYQEEMLEMAQKGV LHAVHTAYSRLPGKPKVYVQDILRQQLASEVLRVL
HKEPGHLYVCGDVRMARDVAHTL KQLVAAKLKLN EEQVEDYFFQLKSQKRYHEDIF
GAVFPYEAKKDRVAVQPSSLEMSAL

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