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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NADSYN1 (Human) Recombinant Protein (P01)

Catalog Number: H00055191-P01

Regulation Status: For research use only (RUO)

Product Description: Human NADSYN1 full-length ORF (AAH03666.1, 1 a.a. - 706 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGRKVTVATCALNQWALDFEGNLQRILKSIEIAKNRGA
RYRLGPELEICGYGCWDHYYESDTLLHSFQVLAALLE
SPVTQDIICDVGMPPMHRNVRYNCRVIFLNRKILLIRPK
MALANEGNYRELRFWTFPWSRSRHTTEYFLPRMIQDLT
KQETVPFGDAVLVTWDTICIGSEICEELWTPHSPHIDM
GLDGVEIITNASGSHHVLKANTRVLDLVTMVTSKNGGI
YLLANQKGCDDRLYYDGCAMIAMNGSVFAQGSQFS
LDDVEVLATLDLEDVRSYRAEISSRNLAASRASPYP
VKVDFALSCHEDLLAPISEPIEWKYHSPEEEISLGPAC
WLWDFLRRSQAGFLLPLSGGVDSAATACLIYSMCC
QVCEAVRSGNEEVLADVRTIVNQISYTPQDPRDLGRI
LTTCYMASKNSSQETCTRARELAQQIGSHHISLNIDPA
VKAVMGIFSLVTGKSPLFAAHGGSSRENALQNVQARI
RMVLAYLFAQLSLWSRGVHGGLLVLSANVDESLLGY
LTKYDCSSADINPIGGISKTDLRAFVQFCIQRFPALQ
SILLAPATAELEPLADGQVSQTDEEDMGMTYAELSVY
GKLRKVAKMGPYSMFCKLLGMWRHICTPRQVADKVK
RFFSKYSMNRHKMTTLTPAYHAENYSPEDNRFDLRPF
LYNTSWPWQFRCIENQVLQLERAEPQSLDGVD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 105.7

Interspecies Antigen Sequence: Mouse (86); Rat (85)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 55191

Gene Symbol: NADSYN1

Gene Alias: FLJ10631, FLJ36703, FLJ40627

Gene Summary: Nicotinamide adenine dinucleotide (NAD) is a coenzyme in metabolic redox reactions, a precursor for several cell signaling molecules, and a substrate for protein posttranslational modifications. NAD synthetase (EC 6.3.5.1) catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD).[supplied by OMIM]