

Recombinant Human NAB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAB2-6330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAB2 MS Standard C13 and N15-labeled recombinant protein (NP_005958) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the family of NGFI-A binding (NAB) proteins, which function in the nucleus to repress transcription induced by some members of the EGR (early growth response) family of transactivators. NAB proteins can homo- or hetero-multimerize with other EGR or NAB proteins through a conserved N-terminal domain, and repress transcription through two partially redundant C-terminal domains. Transcriptional repression by the encoded protein is mediated in part by interactions with the nucleosome remodeling and deacetylase (NuRD) complex. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Molecular Mass	56.6 kDa
AA Sequence	MHRAPSPTAEQPPGGGDSARRTLQPRPKPSARAMALPRTLGLQLYRVLQRANLLS YYETFIQQGGDDVQQLCEAGEEEFLEIMALVGMAKPLHVRRLQKALREWATNPGL FSQPVPAVPVSSIPLFKISETAGTRKGSMSNGHGSPGEKAGSARSFSPKSPLELGEK LSPLPGGPGAGDPRIWPGRSTPESDVGAGGEEEAGSPPFSPAGGGVPEGTGAG

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GLAAGGTGGGPDRLEPEMVRMVVESVERIFRSFPRGDAGEVTSLLKLNKKLARSVG
HIFEMDDNDSQKEEEIRKYSIIYGRFDSKRREGKQLSLHELTINEAAAQFCMRDNTLL
LRRVELFSLSRQVARESTYLSSLKGSRLHPEELGGPPLKKLKQEVGEQSHPEIQPP
PGPESYVPPYRPSLEEDSASLSGESLDGHLQAVGSCPRLTPPPADLPLALPAHGLW
SRHILQQTLMDEGLRLARLVSHDRVGR LSPCVPAKPPLAEFEEGLLDRC PAPGPHP
ALVEGRRSSVKVEAEASRQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NAB2 NGFI-A binding protein 2 [Homo sapiens (human)]

Official Symbol NAB2

Synonyms NAB2; NGFI-A binding protein 2 (EGR1 binding protein 2); NGFI-A-binding protein 2; MADER; EGR1 binding protein 2; EGR-1-binding protein 2; melanoma-associated delayed early response protein; MGC75085;

Gene ID 4665

mRNA Refseq NM_005967

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Protein Refseq NP_005958

MIM 602381

UniProt ID Q15742

SDS-PAGE



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