

Product datasheet for PH309554

NAB2 (NM_005967) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAB2 MS Standard C13 and N15-labeled recombinant protein (NP_005958)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209554
Predicted MW:	56.6 kDa
Protein Sequence:	>RC209554 protein sequence Red=Cloning site Green=Tags(s)

MHRAPSPTAEQPPGGDSARRTLQPRLKPSARAMALPRTLGEQLYRVLQRANLLSYYETFIQQGGDDVQ
QLCEAGEEEFLEIMALVGMATKPLHVRRLQKALREWATNPGLFSQPVPVPVSSIPLFKISETAGTRKGS
MSNGHGSPGEKAGSARSPKSPLELGEKLSPLPGPGAGDPRIWPGRSTPESDVGAGGEEEGAGSPPFSP
PAGGGVPEGTGAGGLAAGGTGGGPDRLEPEMVRMVVESVERIFRSFPRGDAGEVTSLLKLNKKLARSVGH
IFEMDDNDSQKEEEIRKYSIIYGRFDSKRREGKQLSLHELTINEAAAQFCMRDNTLLRRVELFSLSRQV
ARESTYLSSLKGSRLHPEELGGPPLKCLKQEVGEQSHPEIQQPPPGPESYVPPYRPSLEEDSASLSGESL
DGHLQAVGSCPRLTPPPADLPLALPAHGLWSRHILQQTLMDEGLRLARLVSHDRVGRVSPCVPAKPPLAE
FEEGLDRCPAPGPHPALVEGRRSSVKVEAEASRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005958
RefSeq Size:	2725
RefSeq ORF:	1575



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Synonyms: MADER
Locus ID: 4665
UniProt ID: [Q15742](#)
Cytogenetics: 12q13.3

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified NAB2 protein (Cat# [TP309554]). The protein was produced from HEK293T cells transfected with NAB2 cDNA clone (Cat# [RC209554]) using MegaTran 2.0 (Cat# [TT210002]).