

Recombinant Human NAB2

Cat. No. NAB2-28773TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Nab2 (amino acids 421-525) with N terminal proprietary tag, 37.18 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	105 amino acids
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 Weight	37.180kDa inclusive of tags
Tissue specificity	Widely expressed at low levels. Highly expressed in melanoma cell lines.
Form	Liquid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	DGHLQAVGSCPRLTPPPADLPLALPAHGLWSRHILQQTLM DEGLRLARLVSHDRVGR RLSPCVPAKPPLAEFEELLDRCP APGPHPALVEGRRSSVKVEAEASRQ
Sequence Similarities	Belongs to the NAB family.

GENE INFORMATION

Gene Name	NAB2 NGFI-A binding protein 2 (EGR1 binding protein 2) [Homo sapiens]
Official Symbol	NAB2
Synonyms	NAB2; NGFI-A binding protein 2 (EGR1 binding protein 2); NGFI-A-binding protein 2; MADER;
Gene ID	4665
mRNA Refseq	NM_005967
Protein Refseq	NP_005958
MIM	602381
Uniprot ID	Q15742

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Chromosome Location	12q13.3
Function	transcription corepressor activity; transcription factor binding;