

Recombinant Human GABPB1

Cat. No. GABPB1-27461TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human GABPB2, isoform 3 with N-terminal proprietary tag. Predicted MW 35.20kDa.
Species	Human
Source	Wheat Germ
ProteinLength	87 amino acids
Description	This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Molecular Weight	35.200kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	TIVTDGIQLGNLHSIPTSGIGQPPIIVTMPDGQQVLTVPATDIAEETVISEEPPAKRQCIEII ENRVESAEIEVRSLLPGVLCRSHPK
Sequence Similarities	Contains 5 ANK repeats.

GENE INFORMATION

Gene Name	GABPB1 GA binding protein transcription factor, beta subunit 1 [Homo sapiens]
Official Symbol	GABPB1
Synonyms	GABPB1; GA binding protein transcription factor, beta subunit 1; GA binding protein transcription factor, beta subunit 2 , GABPB2; GA-binding protein subunit beta-1; E4TF1 47; GABPB;
Gene ID	2553
mRNA Refseq	NM_002041
Protein Refseq	NP_002032
MIM	600610
Uniprot ID	Q06547
Chromosome Location	15q21.2

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Pathway	Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	protein binding; protein heterodimerization activity; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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