

Recombinant Human GABPB1 protein, His-tagged

Cat. No. GABPB1-50H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABPB1, fused with N-His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	363aa(including fusion tag)
Description	GA-binding protein transcription factor, beta subunit 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.
Form	20mM Tris.Cl, 100mM NaCl, 0.4M Urea, 50% Glycerol, pH8.0.
Molecular Mass	38.9kDa(including fusion tag)
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80°C and avoid repeated freeze-thaw cycles

GENE INFORMATION

Gene Name	GABPB1 GA binding protein transcription factor, beta subunit 1 [Homo sapiens]
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Official Symbol	GABPB1
Synonyms	GABPB1; E4TF1 47; GABPB; GABPB-1; E4TF1; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; E4TF1-47; E4TF1-53;
Gene ID	2553
mRNA Refseq	NM_002041
Protein Refseq	NP_002032
MIM	600610
UniProt ID	Q06547
Chromosome Location	Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Pathway	protein binding; protein heterodimerization activity; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;