

Recombinant Full Length Human GABPB1 Protein, GST-tagged

Cat. No. GABPB1-5180HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABPB2 full-length ORF (NP_005245.2, 1 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	395 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. [provided by RefSeq]
Molecular Mass	68.9 kDa
AA Sequence	MSLVDLGKKLLEAARAGQDDEVIRILMANGAPFTTDWLGTSPHLAAQYGHYSTTEV LLRAGVSRDARTKVDRTPLHMAASEGHASIVEVLLKHGADVNAKDMLKMTALHWAT EHNHQEVVELLIKYGADVHTQSKFCKTAFDISIDNGNEDLAEILQIAMQNQINTNPESP DTVTIHAATPQFIIGPGGVNLTGLVSSSENSSKATDETGVSAVQFGNSSTSVLATLAA LAEASAPLSNSSETPVVATEEVVTAESVDGAIQQVWSSGGQQVITIVTDGIQLGNLHS

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	IPTSGIGQPIIVTMPDGQQVLTVPATDIAEETVISEEPPAKRQCIEIENRVESAEIEERE ALQKQLDEANREAQKYRQQLLKKEQAEAYRQKLEAMTRLQTNKEAV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; GABPB-1; GABP subunit beta-2; nuclear respiratory factor 2; transcription factor E4TF1-47; transcription factor E4TF1-53; E4TF1; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; E4TF1-47; E4TF1-53;
Gene ID	2553
mRNA Refseq	NM_002041
Protein Refseq	NP_002032

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MIM	600610
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UniProt ID	Q06547
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