

Recombinant Human GABPB1 Protein, GST-tagged

Cat. No. GABPB1-4633H 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 Wheat Germ

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
MSLVDLGKKLLEAARAGQDDEVRLMANGAPFTTDWLGTSPHLAAQYGHYSTTEV
LLRAGVSRDARTKVDRTPLHMAASEGHASIVEVLLKHGADVNAKDMLKMTALHWAT
EHNHQEVVELLIKYGADVHTQSKFCKTAFDISIDNGNEDLAEILQIAMQIQINTNPESP
DTVTIHAATPQFIIGPGGVVNLTLGVSSSENSKATDETVSVAVQFGNSSTSVLATLAA
LAEASAPLSNSSETPVVATEEVVTAESVDGAIQQVVSSGGQVITIVTDGIQLGNLHS
IPTSGIGQPIIVTMPDGQQVLTVPATDIAEETVISEEPPAKRQCIEIENRVESAEIEERE
ALQKQLDEANREAQKYRQQLLKEQEAAYRQKLEAMTRLQTNKEAV

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Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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
MIM	600610

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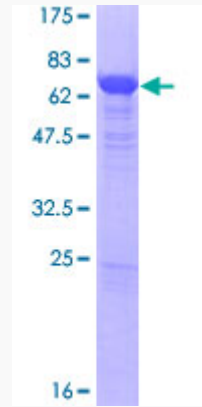
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UniProt ID

Q06547

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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