

Recombinant Human GABPB1 Protein, N-His-tagged

Cat. No. GABPB1-06H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant protein of human GA binding protein transcription factor, beta subunit 1 (GABPB1), transcript variant beta-1, full length, with N-terminal HIS tag, expressed in E. coli.

Species Human

Source E.coli

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 Mass 42.3 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Applications Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Full Length	Full L.

GENE INFORMATION

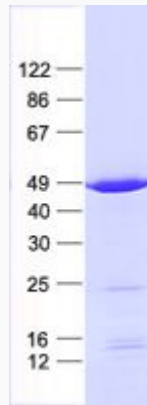
Gene Name	GABPB1 GA binding protein transcription factor subunit beta 1 [Homo sapiens (human)]
Official Symbol	GABPB1
Synonyms	GABPB1; GA binding protein transcription factor subunit beta 1; E4TF1; GABPB; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; GABPB-1; E4TF1-47; E4TF1-53; GA-binding protein subunit beta-1; GA binding protein transcription factor beta subunit 1; GABP subunit beta-2; nuclear respiratory factor 2; transcription factor E4TF1-47; transcription factor E4TF1-53; EC 3.2.1.3
Gene ID	2553
mRNA Refseq	NM_005254
Protein Refseq	NP_005245
MIM	600610
UniProt ID	Q06547

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SDS-PAGE



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