# Recombinant Human GABPB1 Protein, N-His-tagged

**Cat. No.** GABPB1-05H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant protein of human GA binding protein transcription factor, beta subunit 1 (GABPB1), transcript variant gamma-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** | 42.5 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. |

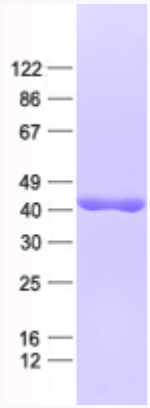
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| **Storage** | Store at -80 centigrade. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl |
| **Full Length** | Full L. |

## GENE INFORMATION

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| **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_002041 |
| **Protein Refseq** | NP_002032 |
| **MIM** | 600610 |
| **UniProt ID** | Q06547 |

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| **SDS-PAGE** |  |



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