

Recombinant Human GABPB1 Protein, His-tagged

Cat. No. GABPB1-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABPB1 Protein (1-395 (Full Length)) with 6xHis tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-395
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	43.3 kDa
Purity	>90% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB).
Applications	ELISA, Western Blot, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis monoclonal and peptide fingerprinting by MALDI-TOF mass spectrometry.

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Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	20mM Tris pH 8, 0.5M NaCl, 500 mM imidazol.
Shipping	Dry Ice
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 transcript variant gamma-2; 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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