

# Recombinant Full Length Human GABPA Protein, GST-tagged

Cat. No. GABPA-5179HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GABPA full-length ORF ( AAH35031, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	454 amino acids
<b>Description</b>	This gene encodes one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype. [provided by RefSeq]
<b>Molecular Mass</b>	75.68 kDa
<b>AA Sequence</b>	MTKREAEEELIEIEIDGTEKAECTEESIVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQ CSLDAHEICLQDIQLDPERSLFDQGKVDGTVQLSVQVISYQGIEPKLNILEIVKPADT VEVVIDPDAHHAESEAHLVEEAQVITLDGTDGTHITISDETSEQVTRWAAALEGYRKEQ ERLGIPYDPIQWSTDQVLHWVWVMKEFSMTDIDLTTLNISGRELCSLNQEDFFQRV PRGEILWSHLELLRKYVLASQEQQMNEIVTIDQPVQIIPASVQSATPTTIKVINSSAKA

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AKVQRAPRISGEDRSSPGNRTGNNGQIQLWQFLLELLTDKDARDRCISWVGDEGEFK  
 LNQPVELVAQKWGQRKNKPTMNYEKLSRALRYYYDGDGMICKVQGKRFVYKFVCDLK  
 TLIGYSAAELNRLVTECEQKKLAKMQLHGIAQPVTAVALSTASLQTEKDN

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GABPA GA binding protein transcription factor, alpha subunit 60kDa [ Homo sapiens ]
<b>Official Symbol</b>	GABPA
<b>Synonyms</b>	GABPA; GA binding protein transcription factor, alpha subunit 60kDa; GA binding protein transcription factor, alpha subunit (60kD); GA-binding protein alpha chain; E4TF1 60; E4TF1A; human nuclear respiratory factor 2 subunit alpha; NFT2; NRF2; NRF2A; nuclear respiratory factor 2 alpha subunit; GABP subunit alpha; transcription factor E4TF1-60; nuclear respiratory factor 2 subunit alpha; human nuclear respiratory factor-2 subunit alpha; GA binding protein transcription factor alpha subunit 60kDa; E4TF1-60; RCH04A07;
<b>Gene ID</b>	2551

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mRNA Refseq [NM\\_001197297](#)

Protein Refseq [NP\\_001184226](#)

MIM [600609](#)

UniProt ID [Q06546](#)

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