

Recombinant Human GABPA Protein, GST-tagged

Cat. No. GABPA-4631H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GABPA full-length ORF (AAH35031, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	75.68 kDa
AA Sequence	MTKREAEEELIEIDGTEKAECTEESIVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQ CSLDAHEICLQDIQLDPERSLFDQGKVDGTVQLSVQVISYQGIEPKLNILEIVKPADT VEVVIDPDAHHAESEAHLVVEAQVITLDGTDGKHITTSDETSEQVTRWAAALEGYRKEQ ERLGIPYDPIQWSTDQVLHWVWVMKEFSMTDIDLTTLNISGRELCSLNQEDFFQRV PRGEILWSHLELLRKYVLASQEQMNEIVTIDQPVQIIPASVQSATPTTIKVINSSAKA AKVQRAPRISGEDRSSPGNRTGNNGQIQLWQFLLELLTDKDARDWCISWVGDEGEFK

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LNQPELVAQKWGQRKNKPTMNYEKLSRALRYYYDGMICKVQGKRFVYKFVCDLK
TLIGYSAAELNRLVTECEQKKLAKMQLHGIAQPVTAVALSTASLQTEKDN

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

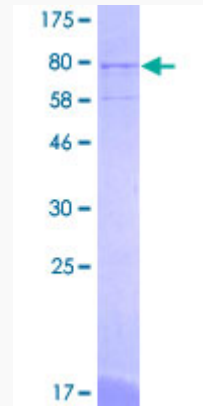
Gene Name	GABPA GA binding protein transcription factor, alpha subunit 60kDa [Homo sapiens]
Official Symbol	GABPA
Synonyms	GABPA; GA binding protein transcription factor, alpha subunit 60kDa; GA binding protein transcription factor, alpha subunit (60kD); GA-binding protein alpha chain; E4TF1 60; E4TF1A; 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;
Gene ID	2551
mRNA Refseq	NM_001197297

Protein Refseq NP_001184226

MIM 600609

UniProt ID Q06546

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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