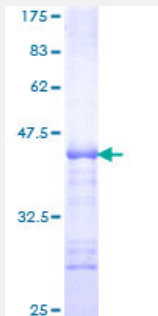


GABPA (Human) Recombinant Protein (Q01)

Catalog # H00002551-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GABPA partial ORF (NP_002031, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTKREAEELEIEIDGTEKAECTEESIVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQCSLDAHEIC LQDIQLDPERSLFDQGKTDGTVQLSVQVIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GABPA

Entrez GeneID [2551](#)

GeneBank Accession# [NM_002040](#)

Protein Accession# [NP_002031](#)

Gene Name GABPA

Gene Alias E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A

Gene Description GA binding protein transcription factor, alpha subunit 60kDa

Omim ID [600609](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations GA binding protein transcription factor, alpha subunit|OTTHUMP00000096114|human nuclear respiratory factor-2 subunit alpha|nuclear respiratory factor 2 alpha subunit

Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)

- [Lupus Erythematosus](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)