

## Product datasheet for PH306300

### GABPA (NM\_002040) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GABPA MS Standard C13 and N15-labeled recombinant protein (NP_002031)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206300
Predicted MW:	51.3 kDa
Protein Sequence:	>RC206300 protein sequence Red=Cloning site Green=Tags(s)
	<p>MTKREAELIEIEIDGTEKAECTEESIVEQTYAPAECVSAIDINEPIGNLKKLLEPRLQCSLDAHEICL QDIQLDPERSLFDQGVKTDGTVQLSVQVISYQGIEPKLNILEIVKPADTVEVVIDPDAHHAESEAHLVEE AQVITLDGTKHITTISDETSEQVTRWAAALEGYRKEQERLGIPYDPIQWSTDQVLHWVWVMKEFSMTDI DLTTLNISGRELCSLNQEDFFQVRPRGELWSHLELLRKYVVLASQEQMNEIVTIDQPVQIIPASVQSAT PTTIKVINSSAKAAKVRAPRISGEDRSSPGNRTGNNQIQLWQFLELLTDKDARDCISWVGDEGEFKL NQPELVAQKWGQRKNKPTMNYEKL SRALRYYYDGMICKVQGRFVYKFVCDLKTIGYSAAELNRLVTE CEQKKLAKMQLHGIAQPVTAVALSTASLQTEKDN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002031</a>
RefSeq Size:	5182
RefSeq ORF:	1362
Synonyms:	E4TF1-60; E4TF1A; NFT2; NRF2; NRF2A; RCH04A07



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Locus ID: 2551

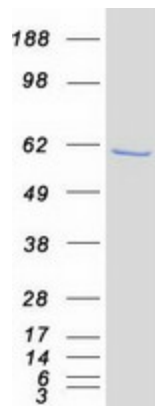
UniProt ID: [Q06546](#), [A8IE48](#), [Q8IYS3](#)

Cytogenetics: 21q21.3

**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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2010]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified GABPA protein (Cat# [TP306300]). The protein was produced from HEK293T cells transfected with GABPA cDNA clone (Cat# [RC206300]) using MegaTran 2.0 (Cat# [TT210002]).