

Recombinant Human GABPA 293 Cell Lysate

Cat. No. GABPA-6071HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GA binding protein transcription factor, alpha subunit 60kDa (GABPA) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

Chromosome Location

21q21-q22.1

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Pathway	Energy Metabolism, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription regulatory region DNA binding;

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