

Recombinant Human GABPA 293 Cell Lysate

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

SPECIFICATION

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.
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

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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

Pathway Energy Metabolism, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

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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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