

Recombinant Human GABPB1 293 Cell Lysate

Cat. No. GABPB1-6068HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GA binding protein transcription factor, beta subunit 1 (GABPB1), transcript variant beta-1 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

GABPB1 GA binding protein transcription factor, beta subunit 1 [Homo sapiens]

Official Symbol

GABPB1

Synonyms

GABPB1; GA binding protein transcription factor, beta subunit 1; GA binding protein transcription factor, beta subunit 2 , GABPB2; GA-binding protein subunit beta-1; E4TF1 47; GABPB; GABPB-1; GABP subunit beta-2; nuclear respiratory factor 2; transcription factor E4TF1-47; transcription factor E4TF1-53; E4TF1; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; E4TF1-47; E4TF1-53;

Gene ID

2553

mRNA Refseq

NM_005254

Protein Refseq

NP_005245

MIM

600610

UniProt ID

Q06547

**Chromosome
Location**

15q21.2

Pathway

Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

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Function

protein binding; protein heterodimerization activity; sequence-specific DNA binding
transcription factor activity; transcription regulatory region DNA binding;

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