

## Recombinant Human IGBP1 293 Cell Lysate

Cat. No. IGBP1-5269HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for immunoglobulin (CD79A) binding protein 1 (IGBP1) 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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

<b>Gene Name</b>	IGBP1 immunoglobulin (CD79A) binding protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	IGBP1
<b>Synonyms</b>	IGBP1; immunoglobulin (CD79A) binding protein 1; IBP1; immunoglobulin-binding protein 1; alpha 4; protein alpha-4; CD79a-binding protein 1; renal carcinoma antigen NY-REN-16; B cell signal transduction molecule alpha 4; B-cell signal transduction molecule alpha 4; protein phosphatase 2A, regulatory subunit alpha-4; bA351K23.1 (immunoglobulin binding protein 1 (CD79A) ); ALPHA-4;
<b>Gene ID</b>	3476
<b>mRNA Refseq</b>	NM_001551
<b>Protein Refseq</b>	NP_001542
<b>MIM</b>	300139
<b>UniProt ID</b>	P78318
<b>Chromosome Location</b>	Xq13.1-q13.3
<b>Function</b>	mitogen-activated protein kinase kinase binding; protein binding; protein phosphatase type 2A regulator activity;

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