Recombinant Human IGBP1 293 Cell Lysate

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

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	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.
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	IGBP1 immunoglobulin (CD79A) binding protein 1 [Homo sapiens]
Official Symbol	IGBP1
Synonyms	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;
Gene ID	3476
mRNA Refseq	NM_001551
Protein Refseq	NP_001542
MIM	300139
UniProt ID	P78318
Chromosome Location	Xq13.1-q13.3
Function	mitogen-activated protein kinase kinase binding; protein binding; protein phosphatase type 2A regulator activity;

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