Recombinant Human BTRC 293 Cell Lysate

Cat. No. BTRC-8384HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for beta-transducin repeat containing (BTRC), transcript variant 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	BTRC beta-transducin repeat containing E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	BTRC
Synonyms	BTRC; beta-transducin repeat containing E3 ubiquitin protein ligase; beta transducin repeat containing; F-box/WD repeat-containing protein 1A; beta TrCP1; betaTrCP; bTrCP; bTrCP1; FBXW1A; Fwd1; beta-TrCP1; E3RSIkappaB; F-box and WD-repeat protein 1B; pIkappaBalpha-E3 receptor subunit; F-box and WD repeats protein beta-TrCP; FWD1; FBW1A; FBXW1; BETA-TRCP; MGC4643;
Gene ID	8945
mRNA Refseq	NM_001256856
Protein Refseq	NP_001243785
MIM	603482
UniProt ID	Q9Y297
Chromosome Location	10q24.32
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune

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	System, organism-specific biosystem; Alternative NF-kappaB pathway, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Atypical NF-kappaB pathway, organism-specific biosystem;
Function	beta-catenin binding; ligase activity; protein binding; protein dimerization activity; protein phosphorylated amino acid binding; contributes_to ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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