

Recombinant Human BTRC 293 Cell Lysate

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

SPECIFICATION

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.
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 [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; plkappaBalpha-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 System, organism-specific biosystem; Alternative NF-kappaB pathway, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation,

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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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