Recombinant Human KCTD13 293 Cell Lysate

Cat. No. KCTD13-5009HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for potassium channel tetramerisation domain containing 13 (KCTD13) 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	KCTD13 potassium channel tetramerisation domain containing 13 [Homo sapiens]
Official Symbol	KCTD13
Synonyms	KCTD13; potassium channel tetramerisation domain containing 13; BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1; FKSG86; PDIP1; POLDIP1; polymerase delta interacting protein 1; TNFAIP1 like; TNFAIP1-like protein; polymerase delta-interacting protein 1; BTB/POZ domain-containing protein KCTD13; hBACURD1;
Gene ID	253980
mRNA Refseq	NM_178863
Protein Refseq	NP_849194
MIM	608947
UniProt ID	Q8WZ19
Chromosome Location	16p11.2
Function	GTP-Rho binding; identical protein binding; contributes_to ubiquitin-protein ligase activity; voltage-gated potassium channel activity;

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