

Recombinant Human EFTUD2 293 Cell Lysate

Cat. No. EFTUD2-6698HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for elongation factor Tu GTP binding domain containing 2 (EFTUD2), 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 [EFTUD2 elongation factor Tu GTP binding domain containing 2 \[Homo sapiens \]](#)

Official Symbol EFTUD2

Synonyms EFTUD2; elongation factor Tu GTP binding domain containing 2; 116 kDa U5 small nuclear ribonucleoprotein component; Snrp116; Snu114; U5 snRNP specific protein; 116 kD; U5 116KD; hSNU114; U5-116 kDa; SNU114 homolog; U5 snRNP specific protein, 116 kD; U5 snRNP-specific protein, 116 kD; U5 snRNP-specific protein, 116 kDa; elongation factor Tu GTP-binding domain-containing protein 2; MFDM; U5-116KD; FLJ44695; KIAA0031; DKFZp686E24196;

Gene ID [9343](#)

mRNA Refseq [NM_001142605](#)

Protein Refseq [NP_001136077](#)

MIM [603892](#)

UniProt ID [Q15029](#)

Chromosome Location 17q21.31

Pathway Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP,

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organism-specific biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;

Function

GTP binding; GTPase activity; nucleotide binding; protein binding;

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