

Recombinant Human YKT6 293 Cell Lysate

Cat. No. YKT6-243HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for YKT6 v-SNARE homolog (<i>S. cerevisiae</i>) (YKT6) 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

YKT6 YKT6 v-SNARE homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

YKT6

Synonyms

YKT6; YKT6 v-SNARE homolog (*S. cerevisiae*); synaptobrevin homolog YKT6; R SNARE; R-SNARE; SNARE protein Ykt6; YKT6 v-SNARE protein; YKT6, *S. cerevisiae*, homolog of;

Gene ID

10652

mRNA Refseq

NM_006555

Protein Refseq

NP_006546

MIM

606209

UniProt ID

O15498

**Chromosome
Location**

7p13

Pathway

SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;

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