

Recombinant Human TAOK2 293 Cell Lysate

Cat. No. TAOK2-1255HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TAO kinase 2 (TAOK2), 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

TAOK2 TAO kinase 2 [Homo sapiens]

Official Symbol

TAOK2

Synonyms

TAOK2; TAO kinase 2; serine/threonine-protein kinase TAO2; KIAA0881; MAP3K17; PSK; PSK1; TAO1; TAO2; PSK-1; hKFC-C; kinase from chicken homolog C; prostate-derived STE20-like kinase 1; prostate derived STE20-like kinase PSK; prostate-derived sterile 20-like kinase 1; thousand and one amino acid protein kinase 2; PSK1-BETA;

Gene ID

9344

mRNA Refseq

NM_001252043

Protein Refseq

NP_001238972

MIM

613199

UniProt ID

Q9UL54

**Chromosome
Location**

16p11.2

Pathway

MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; p38

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MAPK signaling pathway, organism-specific biosystem;

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