

Recombinant Human HOMER3 293 Cell Lysate

Cat. No. HOMER3-5436HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for homer homolog 3 (Drosophila) (HOMER3), transcript variant 2 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 HOMER3 homer homolog 3 (Drosophila) [Homo sapiens]

Official Symbol HOMER3

Synonyms HOMER3; homer homolog 3 (Drosophila); homer protein homolog 3; HOMER 3; Homer, neuronal immediate early gene, 3; VESL3; HOMER-3;

Gene ID 9454

mRNA Refseq NM_001145721

Protein Refseq NP_001139193

MIM 604800

UniProt ID Q9NSC5

Chromosome Location 19p13.1

Pathway Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function protein C-terminus binding; protein binding; protein domain specific binding;

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