

Recombinant Human OR7C1 293 Cell Lysate

Cat. No. OR7C1-3556HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for olfactory receptor, family 7, subfamily C, member 1 (OR7C1) 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	OR7C1 olfactory receptor, family 7, subfamily C, member 1 [Homo sapiens]
Official Symbol	OR7C1
Synonyms	OR7C4; OR19-5; TPCR86; HSTPCR86P; CIT-HSP-146E8; olfactory receptor 7C1; olfactory receptor 7C4; olfactory receptor TPCR86; olfactory receptor OR19-16; olfactory receptor, family 7, subfamily C, member 4
Gene ID	26664
mRNA Refseq	NM_198944
Protein Refseq	NP_945182
UniProt ID	O76099
Chromosome Location	19p13.1
Pathway	GPCR downstream signaling, organism-specific biosystem; Olfactory transduction, conserved biosystem; Signaling by GPCR, organism-specific biosystem
Function	G-protein coupled receptor activity; olfactory receptor activity

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