

Recombinant Human OR7C1 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA