

Recombinant Human RTP3 293 Cell Lysate

Cat. No. RTP3-2117HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for receptor (chemosensory) transporter protein 3 (RTP3) 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

RTP3 receptor (chemosensory) transporter protein 3 [Homo sapiens]

Official Symbol

RTP3

Synonyms

RTP3; receptor (chemosensory) transporter protein 3; receptor transporter protein 3 , TMEM7, transmembrane protein 7; receptor-transporting protein 3; LTM1; transmembrane protein 7; receptor transporter protein 3; receptor transporting protein 3; TMEM7;

Gene ID

83597

mRNA Refseq

NM_031440

Protein Refseq

NP_113628

MIM

607181

UniProt ID

Q9BQQ7

Chromosome Location

3p21.3

Function

protein binding;

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