

Recombinant Human GPR77 293 Cell Lysate

Cat. No. GPR77-5778HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for G protein-coupled receptor 77 (GPR77) 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

GPR77 G protein-coupled receptor 77 [Homo sapiens]

Official Symbol

GPR77

Synonyms

GPR77; G protein-coupled receptor 77; C5a anaphylatoxin chemotactic receptor C5L2; C5L2; G-protein coupled receptor 77; G protein-coupled receptor C5L2; GPF77;

Gene ID

27202

mRNA Refseq

NM_018485

Protein Refseq

NP_060955

MIM

609949

UniProt ID

Q9P296

**Chromosome
Location**

19q13.33

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-

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specific biosystem; Signaling by GPCR, organism-specific biosystem;

Function

C5a anaphylatoxin receptor activity; G-protein coupled receptor activity; receptor activity; signal transducer activity;

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