

Recombinant Human IL1RAPL2 cell lysate

Cat. No. IL1RAPL2-2165HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL1R9 / IL1RAPL2 / IL1 Receptor 9 derived in Human Cells. The whole cell lysate is provided in 1X Sample Buffer. Browse all transfected cell lysate positive controls
Species	Human
Source	Human Cells
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation and then centrifuged to clarify the lysate. The cell lysate was boiled for 5 minutes in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol, and lyophilized.
Lysis buffer	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF
Quality control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Recommended Usage	1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube. 2. Re-dissolve the pellet using 200µL pure water and boiled for 2-5 min. 3. Store it at -80°C. Recommend to aliquot the cell lysate into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Notes: The lysate is ready to load on

 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



SDS-PAGE for Western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Stability

Samples are stable for up to twelve months from date of receipt at -80°C

Storage Buffer

50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF

Storage Instruction

Lysate samples are stable for 12 months from date of receipt when stored at -80°C. Avoid repeated freeze-thaw cycles. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name

IL1RAPL2 interleukin 1 receptor accessory protein-like 2 [Homo sapiens]

Official Symbol

IL1RAPL2

Synonyms

IL1RAPL2; interleukin 1 receptor accessory protein-like 2; X-linked interleukin-1 receptor accessory protein-like 2; IL 1R9; IL1R9; IL1RAPL 2; TIGIRR 1; IL-1R-9; IL-1RAPL-2; IL-1-RAPL-2; interleukin 1 receptor 9; interleukin-1 receptor 9; IL1RAPL-2-related protein; IL-1 receptor accessory protein-like 2; three immunoglobulin domain-containing IL-1 receptor-related 1; IL-1R9; TIGIRR-1; IL1RAPL-2;

Gene ID

26280

mRNA Refseq

NM_017416

Protein Refseq

NP_059112

MIM

300277

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UniProt ID	Q9NP60
Chromosome Location	Xq22
Function	interleukin-1 receptor activity; interleukin-1, Type II, blocking receptor activity; receptor activity; transmembrane signaling receptor activity;

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