Recombinant Mouse EDA2R cell lysate

Cat. No. EDA2R-1335MCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse EDA2R / TNFRSF27 derived in Human Cells. The whole cell lysate is provided in 1X Sample Buffer.Browse all transfected cell lysate positive controls
Species	Mouse
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 SDS-PAGE for Western blot application. If dissociating conditions are required, add

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	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	Eda2r ectodysplasin A2 receptor [Mus musculus]
Official Symbol	EDA2R
Synonyms	EDA2R; ectodysplasin A2 receptor; tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; X linked ectodysplasin receptor; ectodysplasin A2 isoform receptor; X-linked ectodysplasin-A2 receptor; Xedar; TNFRSF27; 9430060M22Rik; MGC124099;
Gene ID	245527
mRNA Refseq	NM_001161432
Protein Refseq	NP_001154904
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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Function	binding; receptor activity;

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