

Recombinant Human WNT2B 293 Cell Lysate

Cat. No. WNT2B-297HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for wingless-type MMTV integration site family, member 2B (WNT2B), transcript variant WNT-2B2 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

WNT2B wingless-type MMTV integration site family, member 2B [Homo sapiens]

Official Symbol

WNT2B

Synonyms

WNT2B; wingless-type MMTV integration site family, member 2B; WNT13; protein Wnt-2b; wingless type MMTV integration site family; member 13; XWNT2; Xenopus; homolog of; XWNT2, Xenopus, homolog of; wingless-type MMTV integration site family, member 13;

Gene ID

7482

mRNA Refseq

NM_004185

Protein Refseq

NP_004176

MIM

601968

UniProt ID

Q93097

Chromosome Location

1p13

Pathway

Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; GPCR ligand

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binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem;
HTLV-I infection, conserved biosystem;

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