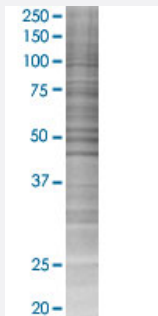


WNT3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007473-T01

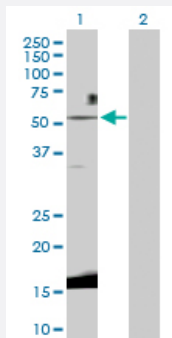
Size 100 uL

Applications



SDS-PAGE Gel

WNT3 transfected lysate.



Western Blot

Lane 1: WNT3 transfected lysate (39.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-WNT3 full-length
Host	Human
Theoretical MW (kDa)	39.6
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-WNT3 antibody ([H00007473-D01P](#)) by Western Blots.
SDS-PAGE Gel
WNT3 transfected lysate.
Western Blot
Lane 1: WNT3 transfected lysate (39.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — WNT3

Entrez GeneID

[7473](#)

GeneBank Accession#

[NM_030753](#)

Protein Accession#

[NP_110380.1](#)

Gene Name

WNT3

Gene Alias

INT4, MGC131950, MGC138321, MGC138323

Gene Description

wingless-type MMTV integration site family, member 3

Omim ID

[165330 273395](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 98% amino acid identity to mouse Wnt 3 protein, and 84% to human WNT3A protein, another WNT gene product. The mouse studies show the requirement of Wnt3 in primary axis formation in the mouse. Studies of the gene expression suggest that this gene may play a key role in some cases of human breast, rectal, lung, and gastric cancer through activation of the WNT-beta-catenin-TCF signaling pathway. This gene is clustered with WNT15, another family member, in the chromosome 17q21 region. [provided by RefSeq]

Other Designations

WNT-3 proto-oncogene protein

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Neurodegenerative Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Supranuclear Palsy](#)