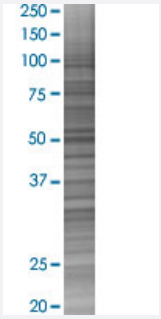
WISP3 293T Cell Transient Overexpression Lysate(Denatured)

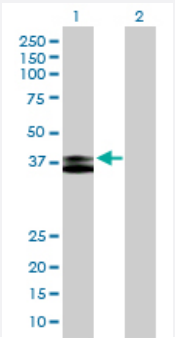
Catalog # H00008838-T02 Size 100 uL

Applications



SDS-PAGE Gel

WISP3 transfected lysate.



Western Blot

Lane 1: WISP3 transfected lysate (41.40 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-WISP3 full-length
Host	Human
Theoretical MW (kDa)	41.4
Interspecies Antigen Sequence	Mouse (78); Rat (76)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-WISP3 antibody (H00008838-B01) by Western Blots. SDS-PAGE Gel WISP3 transfected lysate. Western Blot Lane 1: WISP3 transfected lysate (41.40 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 — WISP3

Entrez GeneID	8838
GeneBank Accession#	NM_198239.1
Protein Accession#	NP_937882.1
Gene Name	WISP3
Gene Alias	CCN6, LIBC, MGC125987, MGC125988, MGC125989, PPAC, PPD
Gene Description	WNT1 inducible signaling pathway protein 3
Omim ID	208230 603400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. This gene is overexpressed in colon tumors. It may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of this gene are associated with progressive pseudorheumatoid dysplasia, an autosomal recessive skeletal disorder, indicating that the gene is essential for normal postnatal skeletal growth and cartilage homeostasis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq

Other Designations	OTTHUMP00000017037|OTTHUMP00000017038|OTTHUMP00000040421

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease