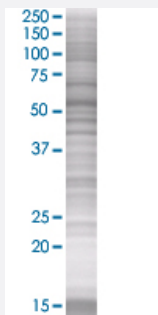


PDZD3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079849-T01

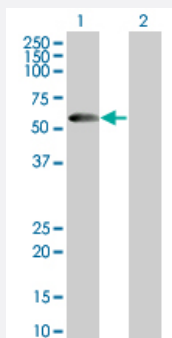
Size 100 uL

Applications



SDS-PAGE Gel

PDZD3 transfected lysate.



Western Blot

Lane 1: PDZD3 transfected lysate (52.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PDZD3 full-length

Host Human

Theoretical MW (kDa) 54.12

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PDZD3 antibody ([H00079849-B01](#)) by Western Blots.
SDS-PAGE Gel
PDZD3 transfected lysate.
Western Blot
Lane 1: PDZD3 transfected lysate (52.5 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 — PDZD3

Entrez GeneID	79849
GeneBank Accession#	NM_024791
Protein Accession#	NP_079067
Gene Name	PDZD3
Gene Alias	FLJ22756, IKEPP, PDZK2
Gene Description	PDZ domain containing 3
Omim ID	607146
Gene Ontology	Hyperlink
Gene Summary	Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 119 50846]).[supplied by OMIM]
Other Designations	PDZ domain containing 2 intestinal and kidney enriched PDZ protein sodium-phosphate cotransporter 1a C-terminal-associated protein 2