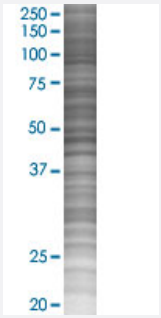
DUSP4 293T Cell Transient Overexpression Lysate(Denatured)

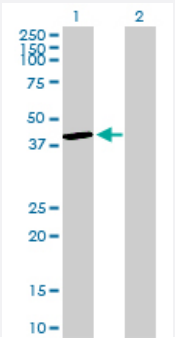
Catalog # H00001846-T01 Size 100 uL

Applications



SDS-PAGE Gel

DUSP4 transfected lysate.



Western Blot

Lane 1: DUSP4 transfected lysate (43.00 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DUSP4 full-length
Host	Human
Theoretical MW (kDa)	43
Interspecies Antigen Sequence	Mouse (95); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DUSP4 antibody (H00001846-D01P) by Western Blots. SDS-PAGE Gel DUSP4 transfected lysate. Western Blot Lane 1: DUSP4 transfected lysate (43.00 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 — DUSP4

Entrez GeneID	1846
GeneBank Accession#	NM_001394
Protein Accession#	NP_001385.1
Gene Name	DUSP4
Gene Alias	HVH2, MKP-2, MKP2, TYP
Gene Description	dual specificity phosphatase 4
Omim ID	602747
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported. [provided by RefSeq

Other Designations	MAP kinase phosphatase 2|VH1 homologous phosphatase 2|serine/threonine specific protein phosphatase

Pathway

- MAPK signaling pathway