

Recombinant Human TEAD2

Catalog No: #GP12988



Package Size: #GP12988-1 100ug

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Description

Product Name	Recombinant Human TEAD2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 248-447 amino acids of human TEAD2
Target Name	TEA domain transcription factor 2
Other Names	ETF; TEF4; TEF-4; TEAD-2
Accession No.	Swissprot:Q15562Gene Accession:BC007556
Uniprot	Q15562
GeneID	8463;
Storage	-20~-80°C, pH 7.6 PBS

Background

Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds to the SPH and GT-IIC 'enhancers' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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