

TEAD2 抗原（重组蛋白）

中文名称：TEAD2 抗原（重组蛋白）

英文名称：TEAD2 Antigen (Recombinant Protein)

别名：TEA domain transcription factor 2; ETF; TEF4; TEF-4; TEAD-2

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 248-447 amino acids of human TEAD2

技术规格

Full name:	TEA domain transcription factor 2
Synonyms:	ETF; TEF4; TEF-4; TEAD-2
Swissprot:	Q15562
Gene Accession:	BC007556
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.