

## Recombinant Human TEAD4 cell lysate

Cat. No. TEAD4-1758HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

TEAD4 TEA domain family member 4 [ Homo sapiens ]

**Official Symbol**

TEAD4

**Synonyms**

TEAD4; TEA domain family member 4; TCF13L1; transcriptional enhancer factor TEF-3; EFTR 2; RTEF 1; TEF 3; TEFR 1; transcription factor RTEF-1; transcription

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factor 13-like 1; transcriptional enhancer factor 3; related transcription enhancer factor 1B; transcriptional enhancer factor 1-related; TEF3; RTEF1; TEF-3; EFTR-2; TEFR-1; hRTEF-1B; MGC9014;

**Gene ID** [7004](#)

**mRNA Refseq** [NM\\_003213](#)

**Protein Refseq** [NP\\_003204](#)

**MIM** [601714](#)

**UniProt ID** [Q15561](#)

**Chromosome Location** 12p13.3-p13.2

**Pathway** Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha), organism-specific biosystem;

**Function** DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity;

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