

Recombinant Human TEAD4 cell lysate

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

SPECIFICATION

Product Overview

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

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	TEF-3; EFTR 2; RTEF 1; TEF 3; TEFR 1; transcription factor RTEF-1; transcription 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;