TATA Box Binding Protein Associated Factor 13 (TAF13) ELISA Kit for Bovine

PRODUCT OVERVIEW

Product Name	TATA Box Binding Protein Associated Factor 13 (TAF13), ELISA Kit
Full Product Name	Bovine TATA Box Binding Protein Associated Factor 13 ELISA Kit
Product Gene Name	TAF13 elisa kit
Species Reactivity	Bovine
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	14,287 Da
OMIM	600774
3D Structure	ModBase 3D Structure for Q15543
Related Product Information for TAF13 elisa kit	MBS070802 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the TATA Box Binding Protein Associated Factor 13 (TAF13) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing TAF13. The ELISA analytical biochemical technique of the MBS070802 kit is based on TAF13 antibody-TAF13 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TAF13 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, TAF13. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of TAF13 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAF13. It may not necessarily be applicable to this product.

NCBI GI #	119576759
NCBI GeneID	6884
NCBI Accession #	EAW56355.1
UniProt Primary Accession #	Q15543
UniProt Secondary Accession #	Q5TYV6; B2R5E5
UniProt Related Accession #	Q15543
NCBI Official Full Name	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa, isoform CRA_a
NCBI Official Synonym Full Names	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa
NCBI Official Symbol	TAF13
NCBI Official Synonym Symbols	TAF2K; TAFII18; TAFII-18; TAF(II)18
UniProt Protein Name	Transcription initiation factor TFIID subunit 13
UniProt Synonym Protein Names	Transcription initiation factor TFIID 18 kDa subunit
Protein Family	Transcription initiation factor
UniProt Gene Name	TAF13

UniProt Synonym Gene Names	TAF2K; TAFII18; TAF(II)18; TAFII-18; TAFII18
UniProt Entry Name	TAF13_HUMAN
NCBI Protein Information	transcription initiation factor TFIID subunit 13; transcription initiation factor TFIID 18 kD subunit; transcription initiation factor TFIID 18 kDa subunit; TATA box binding protein (TBP)-associated factor, RNA polymerase II, K, 18kD
NCBI Summary for TAF13	Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a small subunit associated with a subset of TFIID complexes. This subunit interacts with TBP and with two other small subunits of TFIID, TAF10 and TAF11. There is a pseudogene located on chromosome 6. [provided by RefSeq, Jul 2008]
UniProt Comments for TAF13	TAF13: a TBP-associated factor (TAF). A component of TFIID complexes composed of the TATA binding protein (TBP), TAF10 and TAF11. TAF13 and TAF10 contain non-canonical histone folds, forming a histone-like pair in TFIID complexes. Protein type: Translation Chromosomal Location of Human Ortholog: 1p13.3 Cellular Component: nucleoplasm; transcription factor TFIID complex; nucleolus; nucleus Molecular Function: protein C-terminus binding; protein binding; DNA binding; protein heterodimerization activity; transcription cofactor activity; transcription factor activity Biological Process: regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter; transcription initiation from RNA polymerase II promoter; viral reproduction; RNA elongation from RNA polymerase II promoter; transcription initiation; gene expression
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