

Product datasheet for **TP300773M**

TGF beta induced factor 2 (TGIF2) (NM_021809) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human TGF β -induced factor homeobox 2 (TGIF2), 100 μ g

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200773 protein sequence
Red=Cloning site **Green**=Tags(s)

MSDSDLGEDEGLLSLAGKRKRNRGNLPKESVKILRDWLYLHRYNAYPSEQEKLSLSGQTNLSVLQICNWF
NARRLLPDMLRKDGKDPNQFTISRRGGKASDVALPRGSSPSVLAVSVPAPTNVLSVCSMPLHSGQGE
KPAAPFPRGELESPKPLVTPGSTLLTRAEGSPTGGLFNTPPPTPEQDKEDFSSFQLLVEVALQRAA
EMELQKQQDPSLPLLHTPIPLVSENQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25.7 kDa

Concentration: >0.05 μ g/ μ L as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_068581](#)

Locus ID: 60436

UniProt ID: [Q9GZN2](#)



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RefSeq Size: 3415

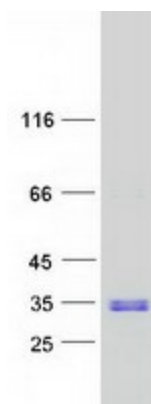
Cytogenetics: 20q11.23

RefSeq ORF: 711

Summary: The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor, which appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and over-expressed in some ovarian cancers. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 1. Read-through transcription also exists between this gene and the neighboring downstream C20orf24 (chromosome 20 open reading frame 24) gene. [provided by RefSeq, Dec 2010]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified TGIF2 protein (Cat# [TP300773]). The protein was produced from HEK293T cells transfected with TGIF2 cDNA clone (Cat# [RC200773]) using MegaTran 2.0 (Cat# [TT210002]).