Recombinant Human TGIF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TGIF2-2401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TGIF2 MS Standard C13 and N15-labeled recombinant protein (NP_068581) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	25.9 kDa
AA Sequence	MSDSDLGEDEGLLSLAGKRKRRGNLPKESVKILRDWLYLHRYNAYPSEQEKLSLSG QTNLSVLQICNWFINARRRLLPDMLRKDGKDPNQFTISRRGGKASDVALPRGSSPS VLAVSVPAPTNVLSLSVCSMPLHSGQGEKPAAPFPRGELESPKPLVTPGSTLTLLTR AEAGSPTGGLFNTPPPTPPEQDKEDFSSFQLLVEVALQRAAEMELQKQQDPSLPLL HTPIPLVSENPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

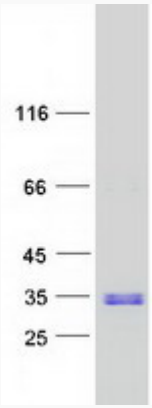
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TGIF2 TGFB-induced factor homeobox 2 [Homo sapiens (human)]
Official Symbol	TGIF2
Synonyms	TGIF2; TGFB-induced factor homeobox 2; TGFB induced factor 2 (TALE family homeobox); homeobox protein TGIF2; 5-TG-3 interacting factor 2; TGF-beta-induced transcription factor 2; TGF(beta)-induced transcription factor 2; TGFB-induced factor 2 (TALE family homeobox); transcription growth factor-beta-induced factor 2;
Gene ID	60436
mRNA Refseq	NM_021809
Protein Refseq	NP_068581
MIM	607294
UniProt ID	Q9GZN2

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA