

Recombinant Mouse Tgfb1i1 Protein, Myc/DDK-tagged

Cat. No. Tgfb1i1-6388M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transforming growth factor beta 1 induced transcript 1 (Tgfb1i1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as a molecular adapter coordinating multiple protein-protein interactions at the focal adhesion complex and in the nucleus. Links various intracellular signaling modules to plasma membrane receptors and regulates the Wnt and TGFB signaling pathways. May also regulate SLC6A3 and SLC6A4 targeting to the plasma membrane hence regulating their activity. In the nucleus, functions as a nuclear receptor coactivator regulating glucocorticoid, androgen, mineralocorticoid and progesterone receptor transcriptional activity. May play a role in the processes of cell growth, proliferation, migration, differentiation and senescence. May have a zinc-dependent DNA-binding activity.
Molecular Mass	48.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

 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

Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
GENE INFORMATION	
Gene Name	Tgfb1i1 transforming growth factor beta 1 induced transcript 1 [Mus musculus (house mouse)]
Official Symbol	Tgfb1i1
Synonyms	TGFB111; transforming growth factor beta 1 induced transcript 1; transforming growth factor beta-1-induced transcript 1 protein; TGF beta-stimulated clone 5; hydrogen peroxide-inducible clone 5 protein; androgen receptor-associated protein of 55 kDa; Hic5; ARA55; TSC-5; hic-5
Gene ID	21804
mRNA Refseq	NM_009365
UniProt ID	Q62219

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