

# Recombinant Human TGFB11 Protein (Phe252-Arg390), His tagged

Cat. No. TGFB111-6432H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human TGFB111 (Phe252-Arg390) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Phe252-Arg390
<b>Description</b>	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.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	17.58 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TGFB111 transforming growth factor beta 1 induced transcript 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TGFB111
<b>Synonyms</b>	TGFB111; transforming growth factor beta 1 induced transcript 1; transforming growth factor beta-1-induced transcript 1 protein; ARA55; Hic 5; HIC 5; TSC 5; androgen receptor coactivator ARA55; hydrogen peroxide-inducible clone 5 protein; androgen receptor coactivator 55 kDa protein; androgen receptor-associated protein of 55 kDa; HIC5; HIC-5; TSC-5;
<b>Gene ID</b>	7041
<b>mRNA Refseq</b>	NM_001042454
<b>Protein Refseq</b>	NP_001035919

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<b>MIM</b>	602353
<b>UniProt ID</b>	O43294

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