Recombinant Human TGFB1I1 Protein, His-tagged

Cat. No. TGFB1I1-652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB1I1(Phe252~Arg390+RCARTTSTHDAARCAPRVASL) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe252~Arg390+RCARTTSTHDAARCAPRVASL
Description	This gene encodes a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	20.79kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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	If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	TGFB1I1 transforming growth factor beta 1 induced transcript 1 [Homo sapiens]
Official Symbol	TGFB1I1
Synonyms	TGFB1I1; 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;
Gene ID	7041
mRNA Refseq	NM_001042454
Protein Refseq	NP_001035919

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MIM	602353
UniProt ID	O43294

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