

Recombinant Human TGFB111 Protein, His-tagged

TGFB111-652H Human

Lot. No. (See product label)

Specification

Product Overview Recombinant Human TGFB111(Phe252~Arg390+RCARTTSTHDAARCAPRVASL) fused with His tag at N-terminal was expressed in E. coli.

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.

Source E. coli

Species Human

Tag His

Form 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Molecular Mass 20.79kDa

Protein length Phe252~Arg390+RCARTTSTHDAARCAPRVASL

Endotoxin <1.0EU per 1µg (determined by the LAL method)

Purity >92%

Applications Positive Control; Immunogen; SDS-PAGE; WB.
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 [TGFB111 transforming growth factor beta 1 induced transcript 1 \[Homo sapiens \]](#)

Official Symbol [TGFB111](#)

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Synonyms

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;

Gene ID [7041](#)

mRNA Refseq [NM_001042454](#)

Protein Refseq [NP_001035919](#)

MIM [602353](#)

UniProt ID [O43294](#)

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