

Datasheet for ABIN7320903  
**TGFR3 Protein (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µg
Target:	TGFR3
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFR3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse TGFR3 (C-6His)
Sequence:	Glu23-Thr785
Characteristics:	Recombinant Mouse Transforming Growth Factor Beta Receptor Type 3 is produced by our Mammalian expression system and the target gene encoding Glu23-Thr785 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	TGFR3
Alternative Name:	TGFR3 ( <a href="#">TGFR3 Products</a> )
Background:	Background: Transforming growth factor beta receptor III (TGF-beta RIII, also betaglycan) is a ubiquitously expressed, 280 kDa type I transmembrane proteoglycan member of the TGF-beta

## Target Details

superfamily of proteins. This receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. TGF-beta RIII can enhance or inhibit cell signaling. TGF-beta RIII has been shown to play an essential role in the formation of the atrioventricular cushion and coronary vessels during development of the heart. TGF beta RIII also plays a role in many cancers. Increased expression of TGF beta RIII is found in higher grade lymphomas, and reduced expression of TGF beta RIII is found with advanced stage neuroblastomas and ovarian carcinomas. Low TGF-beta RIII expression also correlates with higher grade among a cohort of breast cancers. TGFBR3 is known to be expressed in adult testis and ovary, but little is known about this receptor during gonadogenesis.

Synonym: InBGCAN, TBRIII, TGF-beta receptor type 3, TGF-beta receptor type III, TGF-beta RIII, TGFbetaRIII, TGFBR3, TGF-bRIII, TGFR-3, Transforming growth factor beta receptor III

Molecular Weight:	85.9 kDa
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UniProt:	<a href="#">A0A0R4J097</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

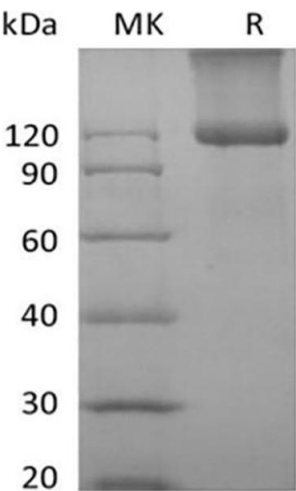
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.