

[Go to Product page](#)

Datasheet for ABIN7504913

TGFBFR1 Protein (AA 143-330) (His tag)

Overview

Quantity:	100 µg
Target:	TGFBFR1
Protein Characteristics:	AA 143-330
Origin:	Cow
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFBFR1 protein is labelled with His tag.

Product Details

Sequence:	Ile 143-Leu 330
Characteristics:	A DNA sequence encoding the Bovine TGFBFR1 protein (O46680) (Ile 143-Leu 330) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	TGFBFR1
Alternative Name:	TGFBFR1 (TGFBFR1 Products)
Background:	Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional Synonym: TGF beta Receptor I,AAT5,Activin A receptor type II like kinase 53 kDa,Activin

Target Details

	receptor like kinase 5,ACVRLK 4,ALK 5,LDS1A,MSSE,Serine/threonine-protein kinase receptor R4,SKR4,TbetaR-I,TGFR 1
Molecular Weight:	20.57 kDa
UniProt:	O46680
Pathways:	Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
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.
Expiry Date:	12 months