PRODUCT INFORMATION

Target	TGFBR1
Synonyms	AAT5;ACVRLK4;ALK-5;ALK5;ESS1;LDS1;LDS1A;LDS2A;MSSE;SKR4;tbetaR-I;TBR-i;TBRI;TGFR-1
Description	Recombinant human TGFBR1 protein with C-terminal Human Fc tag
Delivery	In Stock
Uniprot ID	P36897
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TGFBR1(Leu34-Leu126) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 36.3 kDa after removal of the signal peptide.The apparent molecular mass of TGFBR1-hFc is approximately 35-40 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.
Usage	Research use only
Conjugate	Unconjugated

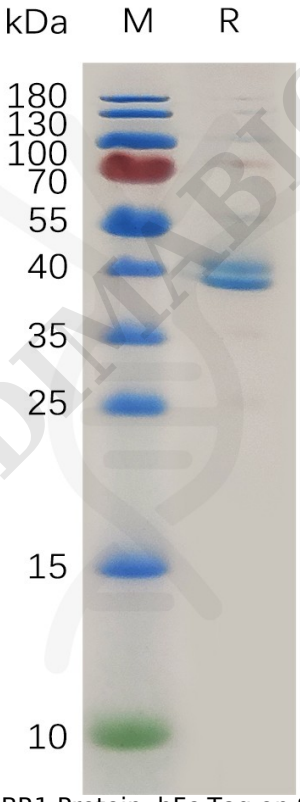

Figure 1. Human TGFBR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com