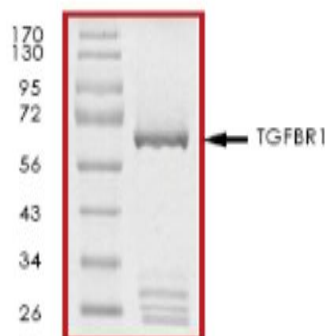


TGFBR1

Recombinant Human TGF-beta Receptor 1 GST Inactive

Catalog No.	CRT195A CRT195B	Quantity:	20 µg 50 µg
Alternate Names:	Transforming growth factor-beta receptor 1, AAT5, ALK5, SKR4, ALK-5, LDS1A, LDS2A, TGFR-1, ACVRLK4, TGFBR1		
Description:	<p>Recombinant Human TGFβR1 aa80-end was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.</p> <p>TGFβR1 is a transmembrane serine/threonine protein kinase and a member of the TGFβ receptor subfamily. TGFβ regulates cell cycle progression by a unique signaling mechanism that involves its binding to TGFβR2 and activation of TGFβR1. TGFβR1 may be inactivated in many of the cases of human tumor cells refractory to TGFβ-mediated cell cycle arrest. Heterozygous mutations in TGFβR1 and TGFβR2 have been reported in Loews-Dietz aortic aneurysm syndrome (LDS) and dominant TGFβR2 mutations have been identified in Marfan syndrome type 2 (MFS2) and familial thoracic aortic aneurysms and dissections (TAAD).</p>		
Gene ID:	7046		
Source:	Sf9 insect cells		
Molecular Weight:	65 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 7.5, + 50 mM NaCl + 0.25 mM DTT + 0.1 PMSF + 25% glycerol.		
Purity:	>90%		
Applications:	Western Blot		
Storage & Stability:	Store product at -80°C. Stable for 1 year from delivery. For optimal storage, aliquot product into smaller quantities after centrifugation and store at -80°C. Avoid repeated freeze-thaw cycles.		

Purity was determined to be >90% by densitometry.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

