

Recombinant Human TGFBR2 (N-GST tag) Cat No:HR2R2002

Cat N0: IIK2K2002

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TGFBR2
Gene ID	N/A
Accession	NM_003242
Alternative Name	AAT3, FAA3, MFS2, RIIC, HNPCC6, TGFR-2, TGFbeta-RII, TAAD2
Species	Human
Source	
Description	TGF?R2 is a member of the TGF? receptor subfamily and is a ser/thr protein kinase. TGF?R2-induced protein phosphorylation plays a key role in signal transduction that leads to mitogenic responses . The TGF?R2 receptor transmits signals from the cell surface to the nucleus and provides instructions for making transforming growth factor (TGF)-beta type II receptor. Mutations in TGF?R2 gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors .
Functions	The specific activity of TGF?R2 was determined to be 7 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	68
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.