Recombinant Mouse TGFBR2 (N-GST tag)

Cat No:HR2R2224

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TGFBR2
Gene ID	N/A
Accession	BC052629
Alternative Name	1110020H15Rik; AU042018; DNIIR; RIIDN; TbetaR-II; TbetaRII; TBR-II
Species	Mouse
Source	Insect cells
Description	TGFBR2 is a member of the TGFbeta receptor subfamily and is a ser/thr protein kinase. TGFBR2-induced protein phosphorylation plays a key role in signal transduction that leads to mitogenic responses . The TGFBR2 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 TGFBR2 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 1.0 nmol /min/mgas per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	69
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.