

Recombinant Human TGFBR2 (N-GST tag)

Cat No:HR2R2002

For research use only

Overview

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| 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 | Insect cells |
| 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. |