

Human TGFBR2 Recombinant Protein



RPPB2663

Product Information Protein Information

Product SKU:

RPPB2663

Accession:

P37173

Host:

Escherichia Coli.

Protein description:

TGFBR2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain encoding 133 amino acids (27-159 a.a.), the extracellular domain of TGFBR2, having a molecular mass of 15.1 kDa. TGFBR2 is purified by proprietary chromatographic techniques

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

AAT3, FAA3, MFS2, RIIC, LDS1B, LDS2B, TAAD2, TGFR-2, TGFbeta-RII, TGFBR-2, TGF-beta receptor type-2, Transforming growth factor-beta receptor type II, TGF-beta receptor type II, TGF-beta type II receptor, TbetaR-II, TGFBR2.

Formulation:

Lyophilized from a 0.2 µm filtered solution in buffer containing 150mM NaCl & 50mM sodium phosphate buffer pH-7.5.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TGFBR2 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TGFBR2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TGFBR2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

HVQK SVNNDMIVTD NNGAVKFPQL CKFCDVRFST CDNQKSCMSN CSITSICEKP QEVCVAVWRK
NDENITLETV CHDPKLPYHD FILEDAASPK CIMKEKKKPG ETTFFMCSCSS DECNDNIIFS EYNTSNPD

Biological Activity:

In ELISA assay, concentrations 0.5-1µg/ml can be used for TGF-beta measurements