

Recombinant Human TGF-beta receptor type-2/TGFR-2 Protein

RPCB0334



Product Information

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|---------------------|-----------|--------------------|-------|--------------|------|
| Product SKU: | RPCB0334 | Gene ID: | 7048 | Size: | 10µg |
| Tag: | C-hFc&His | Reactivity: | Human | | |

Additional Information

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|-------------------------|--------------------|-------------------|--------|
| Expression Host: | HEK293 cells | Swissprot: | P37173 |
| Purity: | > 95% by SDS-PAGE. | | |

Protein Information

Background: Most cell types express three sizes of receptors for TGF-beta. These are designated Type I (53 kDa), Type II (70-85 kDa), and Type III (250-350 kDa). The Type III receptor, a proteoglycan that exists in membrane-bound and soluble forms, binds TGF-beta 1, TGF-beta 2, and TGF-beta 3 but does not appear to be involved in signal transduction. The Type II receptor is a membrane-bound serine/threonine kinase that binds TGF-beta 1 and TGF-beta 3 with high affinity and TGF-beta 2 with a much lower affinity. The Type I receptor is also a membrane-bound serine/threonine kinase that apparently requires the presence of the Type II receptor to bind TGF-beta. Current evidence suggests that signal transduction requires the cytoplasmic domains of both the Type I and Type II receptors.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human TGF-beta receptor type-2/TGFR-2 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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