

## Active Recombinant Mouse Tgfr2 Protein(Ile24-Asp159), hFc-tagged

**Cat. No.** Tgfr2-6816M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Mouse Tgfr2 Protein(Q62312-2)(Ile24-Asp159), fused with C-terminal hFc tag, was expressed in HEK293.                                                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ile24-Asp159                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                         |
| <b>Bio-activity</b>     | Measured by its ability to inhibit TGF-beta 1 activity on TF-1 human erythroleukemic cells.The ED50 for this effect is 69.07 ng/ml in the presence of 1ng/ml of recombinant human TGF-beta 1.                                       |
| <b>Molecular Mass</b>   | 42.3 KDa                                                                                                                                                                                                                            |
| <b>Endotoxin</b>        | Less than 0.1 ng/g (1 EU/g) as determined by LAL test.                                                                                                                                                                              |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                |
| <b>Storage</b>          | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |

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**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.  
 It is not recommended to reconstitute to a concentration less than 100µg/ml.  
 Dissolve the lyophilized protein in distilled water.  
 Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**GENE INFORMATION**

**Gene Name** [Tgfb2 transforming growth factor, beta receptor II \[ Mus musculus \]](#)

**Official Symbol** [Tgfb2](#)

**Synonyms**

TGFB2; transforming growth factor, beta receptor II; TGF-beta receptor type-2; TGFR-2; TGF-beta receptor II; TGF-beta receptor type II; TGF-beta type II receptor; transforming growth factor-beta receptor type II; DNIIR; RIIDN; TBR-II; AU042018; TbetaRII; TbetaR-II; 1110020H15Rik;

**Gene ID** [21813](#)

**mRNA Refseq** [NM\\_009371](#)

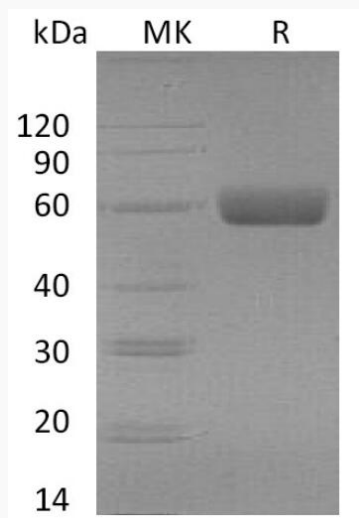
**Protein Refseq** [NP\\_033397](#)

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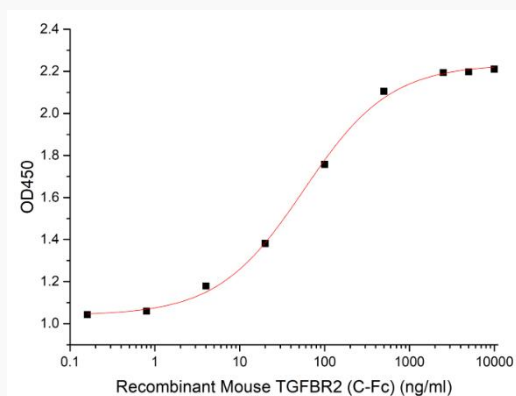
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## SDS-PAGE



## Cell Based Assay



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