

Recombinant Mouse Tgfbr1(Leu30-Glu125) Protein, C-Fc-tagged

Cat. No. Tgfbr1-175M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfbr1(Q64729)(Leu30-Glu125) Protein, fused with a Fc tag at the C-terminus, was produced in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	30-125 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	The recombinant Mouse Tgfbr1 Protein has a predicted molecular mass of 37.6kDa , it migrates with an apparent molecular mass of 40-60kDa under reducing conditions.
AA Sequence	Leu30-Glu125
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [Tgfbr1 transforming growth factor, beta receptor I \[Mus musculus \]](#)

Official Symbol [Tgfbr1](#)

Synonyms TGFBR1; transforming growth factor, beta receptor I; TGF-beta receptor type-1; ESK2; TGFR-1; TGF-beta receptor type I; transforming growth factor-beta receptor type I; ALK5; Alk-5; TbetaRI; AU017191; TbetaR-I;

Gene ID [21812](#)

mRNA Refseq [NM_009370](#)

Protein Refseq [NP_033396](#)

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