

Recombinant Human TGF beta 2

Catalog Number: **HZ-1092**

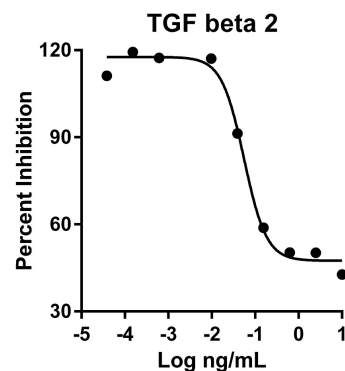
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 0.5 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	25 kDa, homodimer, non-glycosylated
Formulation	50 mM NaOAc pH 4.5, See Certificate of Analysis for details
Gene ID	7042



The activity was determined by the dose-dependent inhibition of IL-4 induced proliferation of mouse HT-2 cells (BALB/c spleen activated by sheep erythrocytes in the presence of IL-2) using Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

Reconstitution Buffer

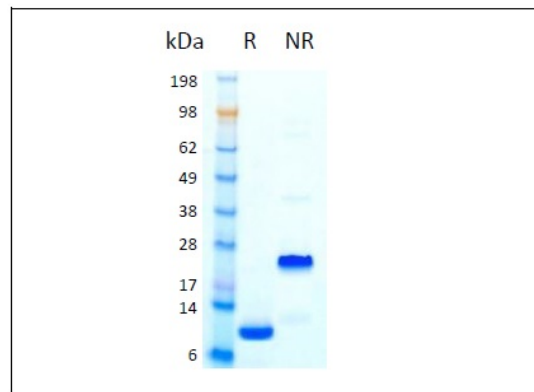
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 20% ethanol + 50 mM NaOAc + 75 mM HOAc.

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human TGF beta 2HuXp is expressed from human 293 cells as a mature disulfide-linked homodimer with apparent molecular mass of 25 kDa. This cytokine is produced in a human cell expression system with serum-free, chemically defined media. The cytokine is greater than 95% pure.



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Synonyms

BSC 1 cell growth inhibitor, Cetermin, G TSF, Polyergin, TGF beta 2, TGF beta2, TGFB2

For technical support and original validation data for this product please contact:

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