

Human TGFB3 Recombinant Protein



RPPB0978

Product Information Protein Information

Product SKU:

RPPB0978

Accession:

P10600

Host:

HEK.

Protein description:

TGF-b 3 Human Recombinant produced in HEK cells is a non-glycosylated homodimer, having a total molecular weight of 25kDa. The TGF-b 3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.

Formulation:

The TGF-b 3 was lyophilized from 1mg/ml in 1xPBS.

Purity:

Greater than 95% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TGF-b 3 in sterile 4mM HCl containing 0.1% endotoxin-free recombinant HSA.

Stability:

Lyophilized TGF-b 3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TGF-b 3 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.

Biological Activity:

The specific 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) and is typically 0.1-0.5ng/ml.