

Human CellExp TGF-beta 3, Human recombinant protein
Human Cellexp Human Recombinant TGF-beta 3
Catalog # PBV10713r**Specification**

Human CellExp TGF-beta 3, Human recombinant protein - Product info

Primary Accession [P10600](#)
Calculated MW **25 kDa, homodimer, nonglycosylated KDa**

Human CellExp TGF-beta 3, Human recombinant protein - Additional Info

Gene ID **7043**
Gene Symbol **TGFB3**
Other Names
Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta 3.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; > 95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **0.1 to 0.5 ng/ml**

Application Notes

Reconstitute in sterile 4 mM HCl containing 0.1% endotoxin-free recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized from 50 mM sodium acetate, pH 4.5 and 350 mM NaCl.

Human CellExp TGF-beta 3, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp TGF-beta 3, Human recombinant protein - Images**Human CellExp TGF-beta 3, Human recombinant protein - Background**

Transforming growth factor betas (TGF β) mediate many cell-cell interactions that occur during embryonic development. Three TGF β s have been identified in mammals. TGF Beta 1, TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule. TGF-beta 3 influences pathogenesis and pulmonary development.

Human CellExp TGF-beta 3, Human recombinant protein - References

ten Dijke P., et al. Proc. Natl. Acad. Sci. U.S.A. 85:4715-4719(1988).
Derynck R., et al. EMBO J. 7:3737-3743(1988).
Madan A., et al. Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Heilig R., et al. Nature 421:601-607(2003).