

Recombinant human TGFb3

Catalog No: #AG0032

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Description

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|-----------------------|--|
| Product Name | Recombinant human TGFb3 |
| Host Species | HEK293 |
| Purification | > 95% by Tris-Bis |
| Immunogen Description | Ala300-Ser412 |
| Target Name | TGFb3 |
| Other Names | Transforming growth factor beta3 proprotein;TGF-beta-3 |
| Accession No. | Uniprot:P10600Gene ID:7043#NP:NC_000014 |
| Uniprot | P10600 |
| GeneID | 7043 |
| Target Species | human |
| Calculated MW | 12.8 KDa |
| Tag Info | additional amino acid free |
| Formulation | 0.22 µm filtered solution of citric acid,PH2.5. |
| Storage | Aliquot and store at -80°C. Avoid repeated freeze/thaw cycles. |

Background

TGF-beta 3 (transforming growth factor beta 1) is one of three closely related mammalian members of the large TGF-beta superfamily that share a characteristic cystine knot structure . TGF-beta 1, -2 and -3 are highly pleiotropic cytokines that are proposed to act as cellular switches that regulate processes such as immune function, proliferation and epithelial-mesenchymal transition . Each TGF-beta isoform has some non-redundant functions; .Human TGF-beta 3 cDNA encodes a 412 amino acid (aa) precursor that contains a 23 aa signal peptide and a 389 aa proprotein . A furin-like convertase processes the proprotein to generate an N-terminal 277 aa latency-associated peptide (LAP) and a C-terminal 112 aa mature TGF-beta 3.

Note: This product is for in vitro research use only