

## Datasheet for ABIN7580845 TGFB1 Protein (His tag)



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### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 100 µg                                       |
| Target:                       | TGFB1                                        |
| Origin:                       | Mouse                                        |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This TGFB1 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), ELISA |

### Product Details

|           |                                                   |
|-----------|---------------------------------------------------|
| Purpose:  | Recombinant Mouse TGFB1/TGF-beta-1 Protein, N-His |
| Sequence: | Lys106-Thr263                                     |

### Target Details

|                   |                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TGFB1                                                                                                                                                                                                                                                           |
| Alternative Name: | TGFB1/TGF-beta-1 ( <a href="#">TGFB1 Products</a> )                                                                                                                                                                                                             |
| Background:       | Transforming growth factor beta-1 proprotein, LAP, TGF-beta-1, TGFB1, TGFB                                                                                                                                                                                      |
| Molecular Weight: | 20.62 kDa                                                                                                                                                                                                                                                       |
| UniProt:          | <a href="#">P04202</a>                                                                                                                                                                                                                                          |
| Pathways:         | <a href="#">EGFR Signaling Pathway</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Regulation of Leukocyte Mediated</a> |

## Target Details

Immunity, Regulation of Muscle Cell Differentiation, Positive Regulation of Immune Effector Process, Cell-Cell Junction Organization, Production of Molecular Mediator of Immune Response, Ribonucleoside Biosynthetic Process, Skeletal Muscle Fiber Development, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus, Autophagy, Cancer Immune Checkpoints

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                     |
| Reconstitution:  | Reconstitute in sterile water for a stock solution.                                                                                                             |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.                                                                  |
| Storage:         | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 °C for twelve months from the date of receipt. |