abcam

Product datasheet

Recombinant Mouse TGF beta 1 protein (His tag) (denatured) ab208466

1 References　画像数 1

製品の詳細

製品名	Recombinant Mouse TGF beta 1 protein (His tag) (denatured)
精製度	> 85 % SDS-PAGE. ab208466 was purified using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	P04202
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	MGSSHHHHHH SSGLVPRGSH MGSALDTNYC FSSTEKNCCV RQLYIDFRKD LGWKWIHEPK GYHANFCLGP CPYIWSLDTQ YSKVLALYNQ HNPGASASPC CVPQALEPLP IVYYVGRKPK VEQLSNMIVR SCKCS
予測される分子量	15 kDa including tags
領域	279 to 390
タグ	His tag N-Terminus
配列の追加情報	This product is for the mature full length protein. The signal peptide and Latency-associated peptide are not included. NCBI Accession No.: NP_035707.
製品の詳細	Recombinant Mouse TGF beta 1 protein (His tag)

特性

Our **Abpromise guarantee** covers the use of **ab208466** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

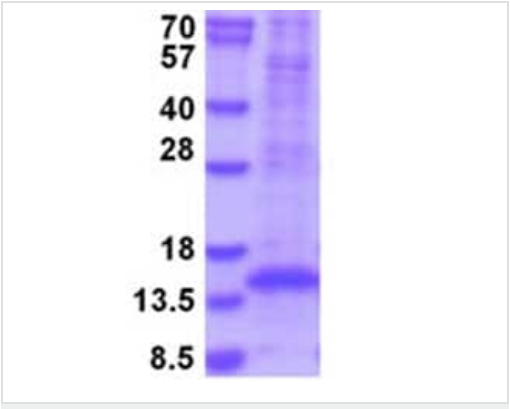
前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

関連情報

機能	Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.
組織特異性	Highly expressed in bone. Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA). Co-localizes with ASPN in chondrocytes within OA lesions of articular cartilage.
関連疾患	Defects in TGFB1 are the cause of Camurati-Engelmann disease (CE) [MIM:131300]; also known as progressive diaphyseal dysplasia 1 (DPD1). CE is an autosomal dominant disorder characterized by hyperostosis and sclerosis of the diaphyses of long bones. The disease typically presents in early childhood with pain, muscular weakness and waddling gait, and in some cases other features such as exophthalmos, facial paralysis, hearing difficulties and loss of vision.
配列類似性	Belongs to the TGF-beta family.
翻訳後修飾	Glycosylated. The precursor is cleaved into mature TGF-beta-1 and LAP, which remains non-covalently linked to mature TGF-beta-1 rendering it inactive.
細胞内局在	Secreted > extracellular space > extracellular matrix.

画像



SDS-PAGE - Recombinant Mouse TGF beta 1 protein (His tag) (denatured) (ab208466)

15% SDS-PAGE analysis of ab208466 (3 µg)

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors