abcam

Product datasheet

Recombinant human CT-1 protein ab9838

製品の詳細

製品名	Recombinant human CT-1 protein
精製度	> 98 % SDS-PAGE. Sterile filtered Greater than 99% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	SRREGSLEDP QTDSSVSLLP HLEAKIRQTH SLAHLLTKYA EQLLQEYVQL QGDPFGLPSF SPPRLPVAGL SAPAPSHAGL PVHERLRLDA AALAALPPLL DAVCRRQAEL NPRAPRLLRR LEDAARQARA LGAAVEALLA ALGAANRGPR AEPPAATASA ASATGVFPAK VLGLRVCGLY REWLSRTEGD LGQLLPGGSA
予測される分子量	21 kDa

特性

Our **Abpromise guarantee** covers the use of **ab9838** 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	Functional Studies SDS-PAGE
製品の状態	Lyophilized
備考	The ED50, as determined by the dose-dependent proliferation of TF-1 cells is < 1.0 ng/ml, corresponding to a specific activity of > 1 x 10^6 units/mg. Previously labelled as Cardiotrophin 1.

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. Stable for a few weeks at room temperature. This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	We recommend a quick spin followed by reconstitution in 20 mM Tris, pH 8.0 to a concentration of < 1.0mg/ml.

関連情報

機能	Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor.
組織特異性	Highly expressed in heart, skeletal muscle, prostate and ovary. Lower levels in lung, kidney, pancreas, thymus, testis and small intestine. Little or no expression in brain, placenta, liver, spleen, colon or peripheral blood leukocytes.
配列類似性	Belongs to the IL-6 superfamily.
細胞内局在	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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.

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