

Recombinant human IL-6 protein (Active) ab119444

2 References

製品の詳細

製品名	Recombinant human IL-6 protein (Active)
生理活性	>1 x 10 ⁷ units/mg. ab119444 ED50 is 0.1ng/ml when assayed by proliferation of murine 7TD1 cells.
精製度	> 98 % SDS-PAGE. >98% HPLC analyses.
エンドキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>P05231</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	PVPPGEDSKD VAAPHRQPLT SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN NLNLPKMAEK DGCFQSGFNE ETCLVKIITG LLEFEVYLEY LQNRFESSEE QARAVQMSTK VLIQFLQKKA KNLDAITTPD PTTNASLLTK LQAQNQWLQD MTTHLILRSF KEFLQSSLRA LRQM
予測される分子量	21 kDa
領域	29 to 212

特性

Our **Abpromise guarantee** covers the use of **ab119444** 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	Western blot
	ELISA
	Functional Studies
	SDS-PAGE
	HPLC

製品の状態 Lyophilized

前処理および保存

保存方法および安定性 Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.
This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成 5 ug size: Reconstitute with 50ul distilled water. 20 ug size: Reconstitute with 200ul distilled water.
Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution. DO NOT VORTEX. For long term storage the addition of 0.1% bovine serum albumin (BSA) is recommended. N.B. For functional studies, do not add sodium azide.

関連情報

機能 Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells. Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.

関連疾患 Genetic variations in IL6 are associated with susceptibility to rheumatoid arthritis systemic juvenile (RASJ) [MIM:604302]. An inflammatory articular disorder with systemic-onset beginning before the age of 16. It represents a subgroup of juvenile arthritis associated with severe extraarticular features and occasionally fatal complications. During active phases of the disorder, patients display a typical daily spiking fever, an evanescent macular rash, lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis.
Note=A IL6 promoter polymorphism is associated with a lifetime risk of development of Kaposi sarcoma in HIV-infected men.

配列類似性 Belongs to the IL-6 superfamily.

翻訳後修飾 N- and O-glycosylated.

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.

Terms and conditions

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