

Product datasheet

Recombinant mouse IL-6R protein (Fc Chimera Active) ab214975

製品の詳細

製品名	Recombinant mouse IL-6R protein (Fc Chimera Active)
生理活性	Measured by its binding ability in a functional ELISA.
精製度	>= 98 % SDS-PAGE.
エンドトキシン・レベル	< 0.060 Eu/μg
発現系	CHO cells
アクセッション番号	<u>P22272</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Mouse
配列	LVLGSCRALEVANGTVTSLPGATVTLICPGKEAAGNVTIHWV YSGSQNRE WTTTGNTLVL RDVQLSDTGDYLCSLNDHLVGTVPLLVDVPPE EPKLSCFR KNPLVNAICEWRPSSTPSPTTKAVLFAKKINTTNGKSDFQVP CQYSQQLK SFSCQVEILEGDKVYHIVSLCVANSVSGSKSSHNEAFHSLKMW QPDPPANL VVSAIPGRPRWLKVSQHPETWDPSYLLQFQLRYPVWSKE FTVLLLLPV AQYQCVIHDALRGVKHVVQVRGKEELDLGQWSEWSPEVTGTP WIAEPRTT PAGILWNPTQVSVEDSANHEDQYESSTEATSVLAPVQE
予測される分子量	37 kDa
領域	20 to 357
配列の追加情報	Extracellular domain, fused to the N-terminus of the Fc region of mouse IgG2a. (CAA37810.1).

特性

Our [Abpromise guarantee](#) covers the use of **ab214975** 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

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Constituent: 99% PBS Lyophilized from 0.2 µm filtered solution. This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	Reconstitute at 100 µg/mL in sterile PBS. Working aliquots are stable for up to 3 months when stored at -20°C.

関連情報

機能	Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.
組織特異性	Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.
配列類似性	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 1 fibronectin type-III domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
ドメイン	The two fibronectin type-III-like domains, contained in the N-terminal part, form together a cytokine-binding domain. The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
翻訳後修飾	A short soluble form may also be released from the membrane by proteolysis.
細胞内局在	Secreted and Basolateral cell membrane.

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