

Recombinant human ICOS Ligand/ICOSL protein (Fc Chimera Active) ab214966

1 References

製品の詳細

製品名	Recombinant human ICOS Ligand/ICOSL protein (Fc Chimera Active)	
生理活性	Measured by its ability to stimulate Human T cell proliferation in the presence of anti-CD3.	
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>O75144</u>	
タンパク質長	Protein fragment	
Animal free	No	
由来	Recombinant	
生物種	Human	
配列	MRLGSPGLLFLLFSSLRADTQEKEVRAMVGSDELSCACPEG SRFDLNDV YVYWQTSESKTVVTYHIPQNSLENVDSRYRNRALMSPAGML RGDFSLRL FNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFSVPV VSAPHSPS QDELTFTCTSINGYPRPNVYWINKTDNSLLDQALQNDTVFLN MRGLYDVV SVLRIARTPSVNI GCCIENVLLQQNLTVGSQTGNDIGERDKI TENPVSTG EKNAAT	
領域	1 to 256	
配列の追加情報	The extracellular domain of Human ICOS ligand fused to the N-terminus of the Fc region of a mutant human IgG1. NCBI Accession No. NP_056074.1.	

特性

Our **Abpromise guarantee** covers the use of **ab214966** 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	Acts as a long lasting fusion protein which only binds to the receptor. Mutations to the complement (C1q) and FcγR I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC). This product was previously labelled as ICOS Ligand
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前処理および保存	
保存方法および安定性	Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. Constituent: 100% PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	Reconstitute with 100 μL sterile water. Add 1X PBS to the desired protein concentration. Working aliquots are stable for up to 3 months when stored at -20°C.
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関連情報	
機能	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function.
組織特異性	Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.
配列類似性	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
細胞内局在	Membrane.

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

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