

Product datasheet

Recombinant human CD252 protein (Fc Chimera Active) ab216219

Description

Product name	Recombinant human CD252 protein (Fc Chimera Active)	
Biological activity	Measured by its binding ability in a functional ELISA.	
Purity	>= 98 % SDS-PAGE.	
Endotoxin level	< 5.000 Eu/mg	
Expression system	HEK 293 cells	
Accession	P23510	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	QVSHRYPRIQSIKVFTEYKKEKGFILTSQKEDEIMKVQ NNSVIINCDF YLISLKGYSQEVNLSLHYQKDEEPLFQLKKVRSVNSLM VASLTYKDKVY LNVTTDNTSLDDFHVNGGELILIHQNPGEFCVL	
Predicted molecular weight	55 kDa including tags	
Amino acids	51 to 183	
Additional sequence information	Extracellular domain fused to the N-terminus of the Fc region of mouse IgG2a (NP_003317).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab216219** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Constituent: 100% PBS Lyophilised from 0.2µm filtered solution. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute with 100µl sterile water. Add 1X PBS to the desired protein concentration.

General Info

Function	Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
Involvement in disease	Genetic variations in TNFSF4 influence susceptibility to systemic lupus erythematosus (SLE) [MIM:152700]. SLE is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system. Note=The upstream region of TNFSF4 contains a single risk haplotype for SLE, which is correlated with increased expression of both cell-surface TNFSF4 and TNFSF4 transcripts. Increased levels of TNFSF4 are thought to augment T cell-APC interaction and the functional consequences of T cell activation, thereby destabilizing peripheral tolerance.
Sequence similarities	Belongs to the tumor necrosis factor family.
Cellular localization	Membrane.

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

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