

Product datasheet

Recombinant human TIM 1 protein (Fc Chimera Active) ab214996

Description

Product name	Recombinant human TIM 1 protein (Fc Chimera Active)
Biological activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated Human T cells.
Purity	>= 98 % SDS-PAGE.
Endotoxin level	< 5.000 Eu/mg
Expression system	HEK 293 cells
Accession	<u>NP_036338.2</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SVKVGGEAGPSVTLPCHYSGAVTSMCWNRGSCSLFTCQ NGVWTNGTHVT YRKDTRYKLLGDLSRRDVSLTIENTAVSDSGVYCCRVEHR GWFNDMKITV SLEMPPKVTTTPVTTVPTVTTVRTSTTVPTTTTVPMTTVPT TTVPTTM SIPTTTTTLTMTVSTTTSVPTTTSIPTTTSVPVTTTVSTFVP PMPLPRQ NHEPVATSPSSPQPAETHPTTLQGAI RREPTSSPLYSYTTD GNDTVTESS DGLWNNNQTLFLEHSLLTANTTKG
Predicted molecular weight	110 kDa including tags
Amino acids	21 to 295
Additional sequence information	Extracellular domain fused to the N-terminus of the Fc region of mouse IgG2a.

Specifications

Our **Abpromise guarantee** covers the use of **ab214996** 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	Lyophilized
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 Lyophilized 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 100 µl sterile water. Add 1X PBS to the desired protein concentration.
General Info	
Function	May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair.
Tissue specificity	Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.
Sequence similarities	Belongs to the immunoglobulin superfamily. TIM family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

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

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