

Recombinant mouse TIM 4 protein (Fc Chimera Active) ab214993

Description

Product name	Recombinant mouse TIM 4 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	< 0.060 Eu/μg
Expression system	CHO cells
Accession	<u>Q6U7R4</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	AASEDTIIGFLGQPVTLPCHYLSWSQSRNSMCWGKGSCP NSKCNAELLRT DGTRIISRKSTKYTLGKVQFGEVSLTISNTNRGDSGVYCC RIEVPGWFN DVKKNVRLELRRATTTKKPTTTTRPTTTPYTTTTPELLPTT VMTTSVLP TTTTPQTLATTAFASTAVTTCPTTPGSFSQETTKGSAFTTE SETLPASNH SQRSMMTISTDIAVLRPTGSNPGILPSTSQLTTQKTTLTSE SLQKTTKS HQINSRQT
Predicted molecular weight	28 kDa
Amino acids	22 to 279
Additional sequence information	Extracellular domain fused to the N-terminus of the Fc region of Human IgG1 (NP_848874.3).

Specifications

Our **Abpromise guarantee** covers the use of **ab214993** 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	<p>Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.</p> <p>Constituent: 100% PBS</p> <p>Lyophilized from 0.2µm filtered solution.</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
Reconstitution	Reconstitute with 100 µl sterile water. Add 1X PBS to the desired protein concentration.
General Info	
Function	Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1.
Sequence similarities	<p>Belongs to the immunoglobulin superfamily. TIM family.</p> <p>Contains 1 Ig-like V-type (immunoglobulin-like) domain.</p>
Domain	Recognizes phosphatidyl serine via its immunoglobulin domain.
Cellular localization	Membrane.

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

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