

Product datasheet

Recombinant human TIM 4 protein (Fc Chimera Active) ab214961

Description

Product name	Recombinant human 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	< 5.000 Eu/mg
Expression system	HEK 293 cells
Accession	<u>Q96H15-1</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ETVVTEVLGHRVTLPCLYSSWSHNSNSMCWGKDQCPYS GCKEALIRTDGM RVTSRKSAYRLQGTIPRGDVSLTILNPSESDSGVYCCRIE VPGWFNDVK INVRLNLQRASTTTTHRTATTTTRTTTTSPTTTRQMTTTPAA LPTTVVTT PDLTTGTPLQMTTIAVFTTANTCLSLTPSTLPEEATGLLTPE PSKEGPIL TAESETVLPSDSWSSVESTSADTVLLTSKESKVWDLPT SHVSMWKTS VSSPQPGASDTAVPEQNKTTKTGQMDGIPMSMKNEMPIS QL
Predicted molecular weight	80 kDa including tags
Amino acids	25 to 315
Additional sequence information	Fused to the N-terminus of the Fc region of mouse IgG2a.

Specifications

Our **Abpromise guarantee** covers the use of **ab214961** 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. 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.
Reconstitution	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.

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	Belongs to the immunoglobulin superfamily. TIM family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors