



Recombinant Mouse TIM-1 Fc-Fusion Protein

Cat No: Pr00227-1.9

Product Summary

Description: Recombinant mouse TIM-1 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse TIM-1

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of TIM-1 has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: Q5QNS5

Alternative Description: Hepatitis A virus cellular receptor 1 homolog; HAVcr-1; Kidney injury molecule 1; KIM-1; T cell immunoglobulin and mucin domain-containing protein 1; TIMD-1; T cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; TIM-1; TIM-1-Ig; TIM-1-Fc chimera; TIM-1 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4. May play a role in kidney injury and repair (By similarity) [Uniprot].

Product Form

Purification: IMAC purified

Supplied in: 0.1 mg size: PBS with preservative (0.02% Proclin 300), 1 mg size: PBS only.

Endotoxin: <1.0 EU/mg

Shipping: The product is shipped on blue ice. Upon receipt, store it immediately at the temperature recommended.

Storage Recommendation: Store at 4°C for up to 1 month. For longer term storage aliquot in small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.

SDS PAGE Purity: >95%, as determined by SDS-PAGE and visualized by Coomassie Brilliant Blue.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals

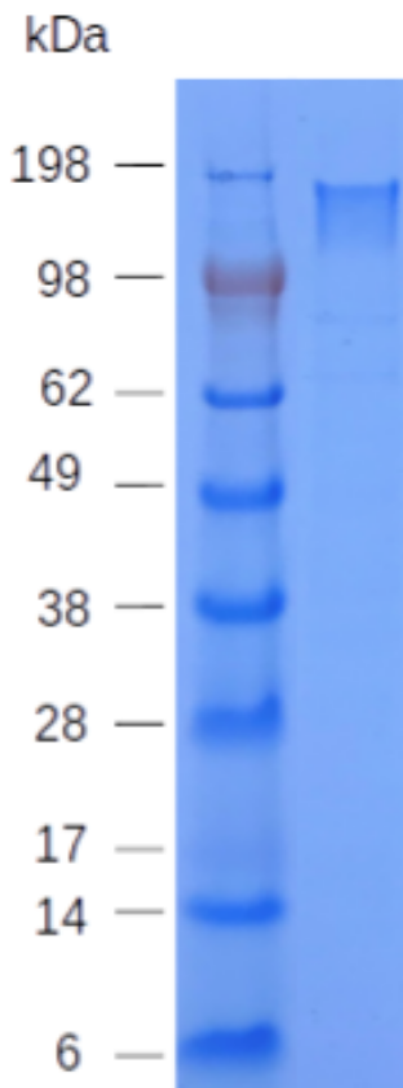
Fc-Fusion Sequence (monomer)

VEVKGVVGHVPTLPCTYSTYRGITTTWGRGQCPSSACQNTLIWTNGHRVITYQKSSRYNLKGHISEGDVSLTIENSVE
SDSGLYCCRVEIPGWFNDQKVTFSLQVKPEIPTRPPTTRPTATGRPTTISTRSTHVPTSIRVSTSTPPTSTHTWTHKP
EPTTFCPHETTAEVTGIPSHTPTDWNGTWTSSGDTWSNHTEAIPPGKPKQKNPTKGGGGSVPRDQGCKPCICTVPEVS
SVFIFPPKPKDVLITLTPKVTVCVVDDISKDDPEVQFSWFVDDVEVHTAQTTPREEQINSTFRSVSELPIMHQDWLNGKE
FKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITNFFPEDITVEWQWNGQPAENYKNTQPI
MDTDGSYFVYSKLVNPKSNWEAGNTFTCSVLHEGLHNHHTEKSLSHSPGKHHHHHH

Underlined amino acids sequence include a G4S linker and 6xHis epitope tag, respectively.

Calculated Molecular weight (dimer): 100369 Da

Extinction coefficient: 150070 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



TIM-1 (Pr00227-1.9) SDS-PAGE. Pr00227-1.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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