



Sales Enquires: sales@absoluteantibody.com
Support Queries: support@absoluteantibody.com
Tel: +44 (0) 1865 920810
Fax: +44 (0) 1865 920811
absoluteantibody.com

Recombinant Mouse TL1A Fc-Fusion Protein

Cat No: Pr00232-1.28

Product Summary

Description: Recombinant mouse TL1A Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse TL1A

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of TL1A has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: Q5UBV8

Alternative Description: Tumor necrosis factor ligand superfamily member 15; TNF ligand-related molecule 1; Vascular endothelial cell growth inhibitor; TL1A-Ig; TL1A-Fc chimera; TL1A (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis (By similarity). Promotes splenocyte alloactivation [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

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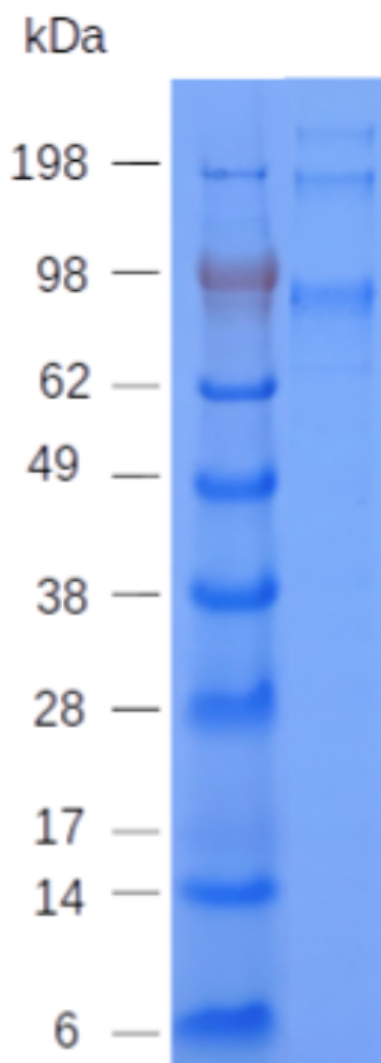
Fc-Fusion Sequence (monomer)

HHHHHHVPRDCGCKPCICTVPEVSSVFIFPPKPKDVLMSLTPKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQTTPRE
EQINSTFRSVSELPILHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPAPQVYTIPPPKEQMAKDKVSLTCMITNFF
PEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVQKSNWEAGNTFTCSVLHEGLHNNHTEKSLSHSPGAGG
GGSGGGGSGQLRVPGKDCMLRAITEERSESPQQVYSPPRGKPRAHLTIKKQTPAPHLKNQLSALHWEHDLGMAFTK
NGMKYINKSLVIPESGDYFIYSQITFRGTTSVCGDISRGRRPKNPDSITVVITKVADSYPEPARLLTGSKSVCEISNNWFQSL
YLGAMFSLEEGDRLMVNVSDISLVDYTKEDKTFFGAFLL

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

Calculated Molecular weight (dimer): 96916 Da

Extinction coefficient: 111430 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



TL1A (Pr00232-1.28) SDS-PAGE. Pr00232-1.28 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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