



Product Datasheet

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Recombinant Human TNR4 Fc-Fusion Protein

Cat No: Pr00187-10.9

Product Summary

Description: Recombinant human TNR4 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Human TNR4

Fc domain: Human IgG1

Structure / Form: Disulfide-linked homodimer

Species: Human

Construct Design Note(s): The extracellular domain of TNR4 has been fused to the Fc domain of human IgG1.

Host: HEK293

UniProt Accession Number: P43489

Alternative Description: Tumor necrosis factor receptor superfamily member 4, ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD134; TNR4-Ig; TNR4-Fc chimera; TNR4 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity. Acts as a receptor for human herpesvirus 6B/HHV-6B [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

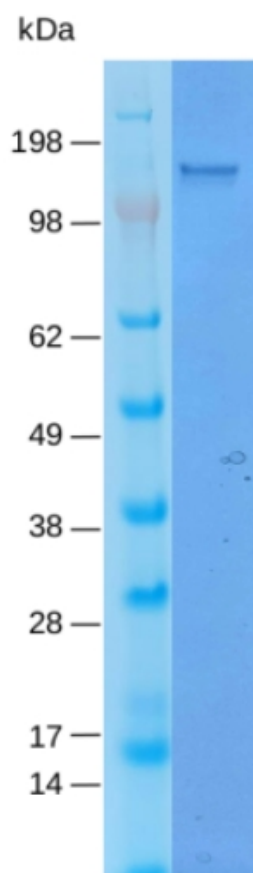
Fc-Fusion Sequence (monomer)

LHCVGDTYPSNDRCCHECRPGNGMVSRCRSRQNTVCRPCGPGFYNDVVSSKPCPKPCTWCNLRSGSERKQLCTATQ
DTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLAGKHTLQPASNSSDAICEDRDPPATQPQET
QGPPARPITVQPTEAWPRTSQGPSTRPVEVPGGRAGGGGSEPKSQDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLM
ISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP
APIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYS
KLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGHHHHHH

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

Calculated Molecular weight (dimer): 94190 Da

Extinction coefficient: 116360 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



TNR4 (Pr00187-10.9) SDS-PAGE. Pr00187-10.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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