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Recombinant Mouse TNFR1 Fc-Fusion Protein

Cat No: Pr00111-1.9

Product Summary

Description: Recombinant mouse TNFR1 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse Tumour Necrosis Factor receptor (TNFR1)

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of TNFR1 has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: P25118

Alternative Description: Tnfrsf1a; Tnfr-1;Tnfr1; TNFR1-Ig; TNFR -Fc chimera; TNFR (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: TNFR1 is the receptor for TNF-alpha and lymphotoxin-alpha. Signalling through the receptor activates caspases leading to induction of apoptosis.

Product Form

Purification: IMAC purified

Supplied in: PBS with preservative (0.02% Proclin 300)

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

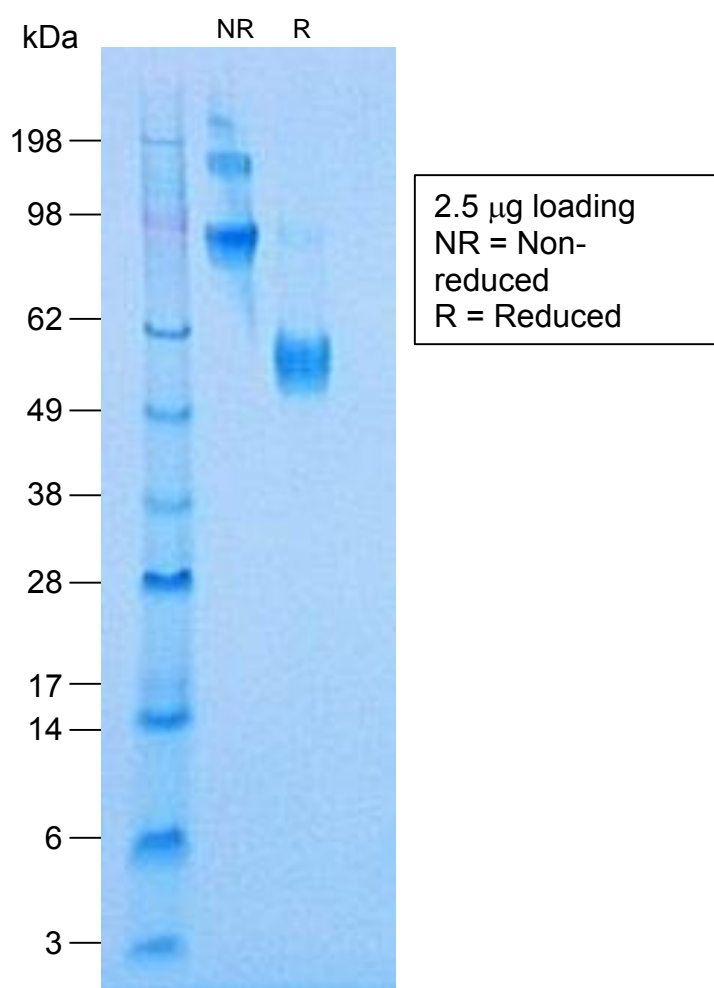
Fc-Fusion Sequence (monomer)

IHPSGVTGLVPSLGDREKRDSLCPQGKYVHKNNSICCTKCHKGTYLVSDCPSPGRDTCRECEKGTFTASQNYLRQ
CLSCKTCRKEMSQVEISPCQADKDTVCGCKENQFQRYLSETHFQCVCDCSPCFNGTVTIPCKETQNTVCNCHAGFFLR
ESECVPESHCKKNEECMKLCLPPPLANVTNPQDSGTAGGGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVLITLT
PKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQTKPREEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEK
TISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITNFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLN
QKSNWEAGNTFTCSVLHEGLHNHHTTEKSLSHSPGKHHHHHH

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

Calculated Molecular weight (dimer): 95613 Da

Extinction coefficient: 83640 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



Pr00111-1.9 under non-reducing and reducing (DTT) conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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