

Product datasheet

Recombinant Human TNF Receptor II protein ab55577

1 Image

Overview

Product name	Recombinant Human TNF Receptor II protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Species	Human
Sequence	LPAQVAFT PYAPEPGSTC RLREYDQTA QMCCSKCSPG QHAKVFCTKT SDTVCDSCED STYTQLWNWV PECLSCGSRG SSDQVETQAC TREQNRITC RPGWYCALSQ QEGCRLCAPL RKCRPGFGVA RPGTETSDVV CKPCAPGTFS NTTSSDIDCR PHQICNVVAI PGNASMDAVC TSTSPY
Amino acids	23 to 206

Specifications

Our [Abpromise guarantee](#) covers the use of **ab55577** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Purity	> 95 % SDS-PAGE.
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. Preservative: None Constituents: 50% Glycerol, PBS, pH 7.4
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General Info

Function

Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.

Sequence similarities

Contains 4 TNFR-Cys repeats.

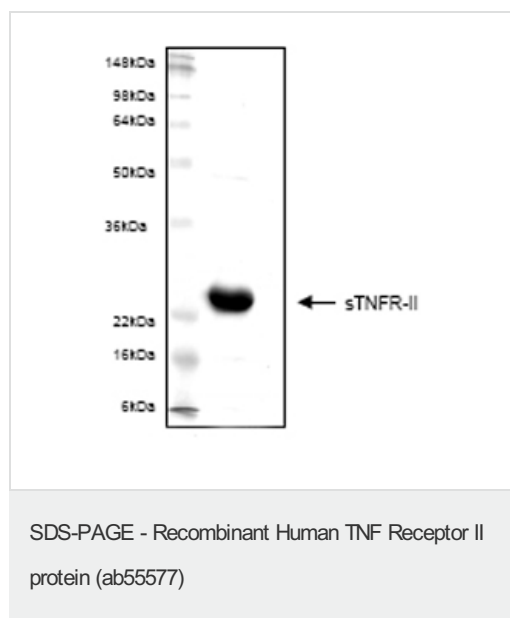
Post-translational modifications

Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.

Cellular localization

Secreted and Cell membrane.

Images



ab55577 on SDS-PAGE

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