

Datasheet for ABIN1001164

Soluble Tumor Necrosis Factor Receptor Type 1 (sTNF-R1) (AA 41-201) protein (His tag)



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Overview

Quantity:	10 µg
Target:	Soluble Tumor Necrosis Factor Receptor Type 1 (sTNF-R1)
Protein Characteristics:	AA 41-201
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Soluble Tumour Necrosis Factor Receptor 1 (sTNF-R1) (Western Blot Control)
Sequence:	DSVCPQGKYI HPQNSICCT KCHKGTLYLN DCPGPGQDTD DSVCPQGKYI HPQNSICCT KCHKGTLYLN DCPGPGQDTD DSVCPQGKYI HPQNSICCT KCHKGTLYLN DCPGPGQDTD DSVCPQGKYI HPQNSICCT KCHKGTLYLN DCPGPGQDTD N
Characteristics:	recombinant sTNFR-I comprises a 161 amino acid fragment (41-201) corresponding to the mature sTNFR-I protein and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	Soluble Tumor Necrosis Factor Receptor Type 1 (sTNF-R1)
Abstract:	sTNF-R1 Products

Target Details

Background: Two types of soluble TNF receptors (sTNFR-I and sTNFRII) have been identified, which act to neutralize the biological activities of TNF alpha and TNF beta. Levels of these soluble receptors appear to arise as a result of shedding of the extracellular domains of the membrane bound receptors. Elevated levels of soluble TNF receptors have been found in the amniotic fluid of pregnant women., Soluble tumour necrosis factor receptor-1, Tumour necrosis factor receptor subfamily member 1A (TNFRSF1A), Tumour necrosis factor binding protein I (TNFBPI), Tumour necrosis factor receptor type I (TNFRI), Tumour necrosis factor-alpha receptor (TNFAR), CD120a antigen, p55, p55-R, p60, MGC19588.

Molecular Weight: 22.68 kDa

UniProt: [P19438](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C