

Recombinant human TNFR1/TNFRSF1A protein

Catalog Number: ATGP2883

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-211aa

UniProt No.

P19438

NCBI Accession No.

NP_001056

Alternative Names

Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, Tumor necrosis factor-binding protein 1, TBPI, CS120a, p55, p60, TNF-R55, TNFR60

PRODUCT SPECIFICATION

Molecular Weight

23.6 kDa (213aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TNFRSF1A is a member of the TNF-receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal

Recombinant human TNFR1/TNFRSF1A protein

Catalog Number: ATGP2883

transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease. Recombinant human TNFRSF1A protein, fused to His-tag at N-terminus, was expressed in *E. coli*.

Amino acid Sequence

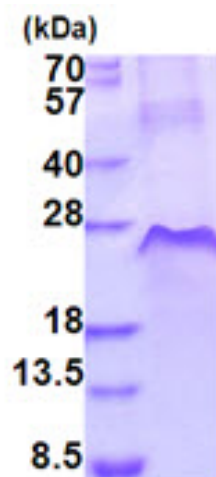
MGSSHHHHHH SGLVPRGSH MGSYPSGVI GLVPHLGDRE KRDSVCPQ GK YIHPQNNSIC CTKCHKGYL YNDCPGPGQD
TDCRECESGS FTASENHLRH CLSCSKCRKE MGQVEISSCT VDRDTVCGCR KNQYRHYWSE NLFQCFNCSL CLNGTVHLSC
QEKQNTVCTC HAGFFLRENE CVSCSNCKKS LECTKLCLPQ IENVKGTEDS GTT

General References

Loetscher H., et al. (1990) *Cell*, 61:351-359

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)