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

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

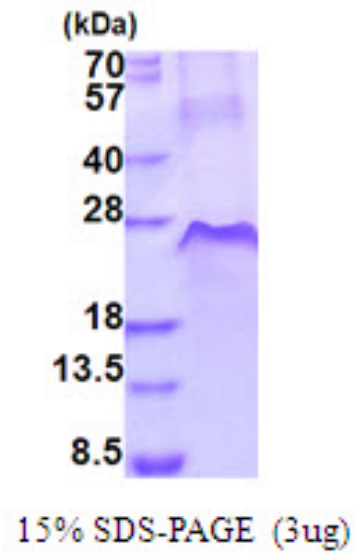
MGSSHHHHHH SSGLVPRGSH MGSIYPSGVI GLVPHLGDRE KRDSVCPQGK YIHPQNNSIC CTKCHKGTYL YNDCPGPGQD TDCRECESGS FTASENHLRH CLSCSKCRKE MGQVEISSCT VDRDTVCGCR KNQYRHYWSE NLFQCFNCSL CLNGTVHLSC QEKQNTVCTC HAGFFLRENE CVSCSNCKKS LECTKLCLPQ IENVKGTEDS GTT

General References

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

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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