

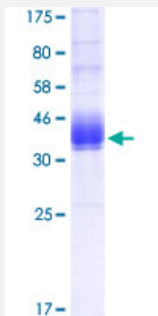
HuPro®

TNFRSF21 (Human) Recombinant Protein

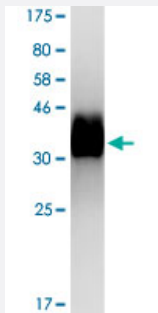
Catalog # H00027242-H04

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description

Purified TNFRSF21 (AAH17730.1 373 a.a. - 655 a.a.) human recombinant protein with His-Flag-Str eplI tag at N-terminus expressed in human cells.

Transfected Cell Line

Human HEK293T cells

Sequence

SSRTLKKGPRQDPSAMEKAGLKKSMPTQNREKWYYCNGHGIDILKLVAQVGSQWKDIYQFLC
 NASEREVAAFSNGYTADHERAYAALQHWIRGPEASLAQLISALRQHRRNDVVEKIRGLMEDTTQ
 LETDKLALPMSPLSPSPISPNAKLENSALLTVEPSPQDKNGFFVDESEPLLRC DSTSSGSS
 ALSRNGSFITKEKKD TVLRQVRLDPCDLQPIFDDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKS
 QEASQTL LDSVYSHLPDLL

Host

Human

Theoretical MW (kDa)

36.41

Interspecies Antigen Sequence	Mouse (88); Rat (89)
Form	Liquid
Preparation Method	Transfection of pSuper-TNFRSF21 plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — TNFRSF21

Entrez GeneID	27242
GeneBank Accession#	BC017730.1
Protein Accession#	AAH17730.1
Gene Name	TNFRSF21
Gene Alias	BM-018, DR6, MGC31965
Gene Description	tumor necrosis factor receptor superfamily, member 21
Omim ID	605732

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB and MAPK8/JNK, and induce cell apoptosis. Through its death domain, this receptor interacts with TRADD protein, which is known to serve as an adaptor that mediates signal transduction of TNF-receptors. Knockout studies in mice suggested that this gene plays a role in T-helper cell activation, and may be involved in inflammation and immune regulation. [provided by RefSeq]

Other Designations

OTTHUMP00000016561|OTTHUMP00000039915|TNFR-related death receptor 6|death receptor 6

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Chromosome Aberrations](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Migraine Disorders](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)