

Datasheet

TNFSF14 (Human) Recombinant Protein

Catalog Number: H00008740-H01

Regulation Status: For research use only (RUO)

Product Description: Purified TNFSF14 (NP_742011.1 89 a.a. - 240 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Transfected Cell Line: Human HEK293T cells

Sequence:

SHEVNPA AHLTGANSSLTGSGGPLLWETQLGLAFLRG
LSYHDGALVVTKAGYYYYISKVQLGGVGCPLGLASTIT
HGLYKRTPRYPEELELLVSQQSPCGRATSSSRVWWD
SSFLGGVVHLEAGEKVVVRVLDERLVRRLRDGTRSYFG
AFMV

Host: Human

Theoretical MW (kDa): 22

Applications: ELISA, PI, SDS-PAGE, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: Transfection of pSuper-TNFSF14 plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

Purification: *Strep*-Tactin affinity columns

Concentration: ? 10 ug/ml

Activity: Not Tested

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.

Entrez GeneID: 8740

Gene Symbol: TNFSF14

Gene Alias: CD258, HVEM, LIGHT, LTg, TR2

Gene Summary: The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq]