

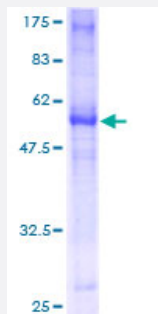
Full-Length

## TNFRSF14 (Human) Recombinant Protein (P01)

Catalog # H00008764-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human TNFRSF14 full-length ORF ( AAH02794, 38 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

ALPSCKEDEYPVGSECCPKCSPGYRVKEACGELTGTVCEPCPPGTIAHLNGLSKCLQCQMCD  
PAMGLRASRNCSTENAVCGCSPGHFCVQDGDHCAACRAYATSSPGQRVQKGGTESQDTLC  
QNCPPGTFSPNGTLEECQHQTCSWLVTKAGAGTSSSHVWWFLSGSLVIVVCSTVGLIICVKR  
RKPRGDVVKVIVSVQRKRQEAEGEATVIEALQAPPDVTTVAVEETIPSFTGRSPNH

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

52.8

#### Interspecies Antigen Sequence

Mouse (45); Rat (42)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TNFRSF14

Entrez GeneID [8764](#)

GeneBank Accession# [BC002794](#)

Protein Accession# [AAH02794](#)

Gene Name TNFRSF14

Gene Alias ATAR, HVEA, HVEM, LIGHTR, TR2

Gene Description tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)

Omim ID [602746](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor was identified as a cellular mediator of herpes simplex virus (HSV) entry. Binding of HSV viral envelope glycoprotein D (gD) to this receptor protein has been shown to be part of the viral entry mechanism. The cytoplasmic region of this receptor was found to bind to several TRAF family members, which may mediate the signal transduction pathways that activate the immune response. [provided by RefSeq]

**Other Designations** CD40-like protein|OTTHUMP00000000866|herpesvirus entry mediator A|tumor necrosis factor receptor superfamily, member 14|tumor necrosis factor receptor-like gene2

## Pathway

- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)