

Recombinant human HVEM/TNFRSF14 protein

Catalog Number: ATGP2443

PRODUCT INFORMATION

Expression system

E.coli

Domain

39-202aa

UniProt No.

Q92956

NCBI Accession No.

NP_003811

Alternative Names

Tumor necrosis factor receptor superfamily member 14, Herpes virus entry mediator A, Herpesvirus entry mediator A, HveA, Tumor necrosis factor receptor-like 2, TR2, CD270, HVEM, ATAR, LIGHTR

PRODUCT SPECIFICATION

Molecular Weight

19.7 kDa (187aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

TNFRSF14, as known as herpesvirus entry mediator (HVEM), 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. Recombinant human TNFRSF14 protein, fused

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to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

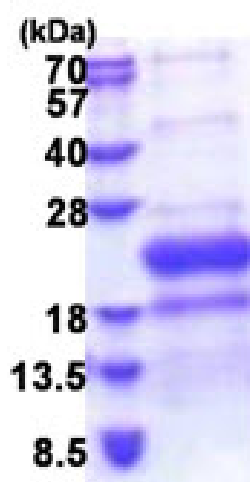
MGSSHHHHHH SGLVPRGSH MGS LP SCKED EYPVGSECCP KCSPGYRVKE ACGELTGTVC ECPPPGTYIA HLNGLSKCLQ
CQMCDPAMGL RASRNC SRTE NAVCGCSPGH FCIVQDGDHC AACRAYATSS PGQRVQKGGT ESQDTLCQNC
PPGTFSPNGT LEECQHQT KC SWLVTKAGAG TSSSHWV

General References

Montgomery RI. et al. (1996) Cell. 87:427-436.
Kwon BS. et al. (1997) J Biol Chem. 272:14272-14276.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)