

Recombinant human HVEM/TNFRSF14 protein

Catalog Number: ATGP3379

PRODUCT INFORMATION

Expression system

Baculovirus

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

44.6 kDa (406aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-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 tumor necrosis factor receptor superfamily member 14 isoform 1, is a type 1 membrane protein belonging to the TNF/NGF receptor superfamily. Expression of this protein has been detected in peripheral blood T cells, B cells, monocytes and in various tissue enriched in lymphoid cells. Binding of herpes

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simplex virus (HSV) viral envelope glycoprotein D to this receptor protein has been shown to be part of HSV entry mechanism, and from which its name derived. Recombinant human TNFRSF14, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

Amino acid Sequence

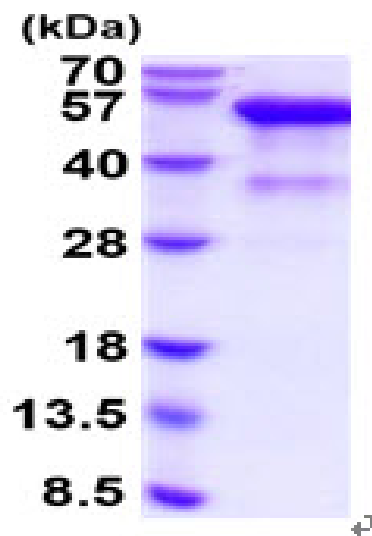
ADPLPSCKED EYPVGSECCP KCSPGYRVKE ACGELTGTVC ECPPPGTYIA HLNGLSKCLQ CQMCDPAMGL RASRNCSTRTE
NAVCGCSPGH FCIVQDGDHC AACRAYATSS PGQRVQKGGT ESQDTLCQNC PPGTFSPNGT LEECQHQTCC
SWLVTKAGAG TSSSHWVLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW
YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE
LTKNQVSLTLC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LSDDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT
QKSLSLSPGK HHHHHH

General References

Inoue T., et al. (2015) *Anticancer Res.* 35:1361-1367.
Steinberg MW., et al. (2011) *Immunol. Rev.* 244:169-187.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)