

Recombinant Human TNFRSF14 Protein

Cat. No. TNFRSF14-669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant human TNFRSF14 protein without tag was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 283

Description This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants.

Form Lyophilized

Molecular Mass 19.2 kDa

AA Sequence

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MEPPGDWGPPPWRSTPKTDVLRLLVLYLTLFLGAPCYAPALPSCKEDEYPVGSECCP
KCSPGYRVKEACGELTGTVCEPCPPGTYIAHLNGLSKCLQCQMCDPAMGLRASRN
CSRTENAVCGCSPGHFCIVQDGDHCAACRAYATSSPGQRVQKGGTESQDTLCQN
CPPGTFFSPNGTLEECQHQTCSWLVTKAGAGTSSSHVWVWVFLSGSLVIVIVCSTV
GLIICVKRRKPRGDVVKVIVSVQRKRQEAEGEATVIEALQAPPDVTTVAVEETIPSFT
GRSPNH
```

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	TNFRSF14 tumor necrosis factor receptor superfamily, member 14 [Homo sapiens (human)]
Official Symbol	TNFRSF14
Synonyms	TNFRSF14; tumor necrosis factor receptor superfamily, member 14; tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator); tumor necrosis factor receptor superfamily member 14; ATAR; CD270; herpesvirus entry mediator; HVEA; HVEM; LIGHTR; TR2; CD40-like protein; herpesvirus entry mediator A; herpes virus entry mediator A; tumor necrosis factor receptor-like 2; tumor necrosis

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factor receptor-like gene2;

Gene ID 8764

mRNA Refseq NM_003820

Protein Refseq NP_003811

MIM 602746

UniProt ID Q92956

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