

Active Recombinant Human TNFRSF14 protein

Cat. No. TNFRSF14-389H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TNFRSF14 protein(Q92956)(39-202 aa) was expressed in Pichia. Pastoris..
Species	Human
Source	Pichia. Pastoris.
ProteinLength	39-202 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH7.4, with 3 % Trehalose.
Bio-activity	Fully biologically active when compared to standard. The biologically active as determined by its ability to inhibit TNF-beta -mediated cytotoxicity using murine L929 cells.
Molecular Mass	Approximately 58 kDa, a glycosylated polypeptide chain containing 396 amino acids. But it migrates with an apparent molecular mass of 70 kDa in SDS-PAGE under reducing conditions.
AASequence	LPSCKEDEYP VGSECCPKCS PGYRVKEACG ELTGTVCEPC PPGTYIAHLN GLSKCLQCQM CDPAMGLRAS RNCSTRNAV CGCSPGHFCI VQDGDHCAAC RAYATSSPGQ RVQKGGTESQ DTLCQNCPPG TFSPNGTLEE CQHQTKCSWL VTKAGAGTSS SHWVEPKSSD KTHTCPPCPA PEFEGAPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR

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VVSVLTVLHQ DWLNGKEYKC KVSNKALPTP IEKTISKAKG QPREPQVYTL
 PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDS
 GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK

Endotoxin Less than 0.1 EU/g of rHuHVEM-Fc/TNFRSF14 as determined by LAL method.

Purity >95% by SDS-PAGE and HPLC analyses.

Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name TNFRSF14 tumor necrosis factor receptor superfamily, member 14 [Homo sapiens]

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 factor receptor-like gene2;

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Gene ID	8764
mRNA Refseq	NM_003820
Protein Refseq	NP_003811
MIM	602746
UniProt ID	Q92956

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