

PRODUCT INFORMATION SUMMARY

Human HVEM-Fc

Purified Factor	Product Number	HC711270A	20.0 ug
Purified Factor	Product Number	HC711270B	100.0 ug

DESCRIPTION:

Human HVEM, also known as TNFSFR14, is part of a family of structurally related TNF Receptor proteins. HVEM is an activation cytokine produced in several cell types and tissues including lung, thymus, spleen, T-cells and macrophages. Ligands for HVEM include the cytokine LIGHT, TNF Beta and Herpes Simplex Virus protein D. Activation by HVEM produces a signaling cascade using transcription factors AP-1 and NF-kappaB. Human HVEM-Fc chimera is a fusion protein of 376 aa. Total length, with N-Terminal HVEM extracellular domain and C-Terminal domain corresponding to aa. 102 - 330 of human IgG1.

SOURCE: Insect cells
Purity > 98% by HPLC
Endotoxin < 0.1 ng per ug HVEM

BIOLOGICAL ACTIVITY:

As determined by ability to block induced cytotoxicity of 0.25 ng/mL human TNF beta on mouse L929 cells. The half-maximal concentration is approx. 1.9 ug/mL HVEM-Fc.

HANDLING AND STORAGE:

Purified Human HVEM-Fc factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend to **spin-down** for 30 seconds to concentrate all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

IN-VITRO RESEARCH USE ONLY -NOT for DRUG USE