

PRODUCT INFORMATION SUMMARY

Human TWEAK

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| Purified Factor | Product Number | HC88884B | 25.0 ug |
| | | HC88884A | 5.0 ug |

DESCRIPTION:

Human TWEAK is a cytokine factor related to TNF that weakly induces apoptosis. It is capable of inducing IL-8 production in certain target cells. TWEAK is a 17.0 kDa protein, and contains the full length of the extracellular domain.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug TWEAK
Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by ability to induce IL-8 production (half-maximal) by human PBMC is 10.0 ng/mL. Also, half maximal apoptosis of HT29 cells in culture with IFN Gamma at approx. 45 ng/mL.

HANDLING AND STORAGE:

Purified TWEAK factor is provided sterile-filtered and lyophilized from 10mM Sodium Phosphate (pH 7.5) with no additives. Store lyophilized, at -20° C. Upon reconstitution with 50 uL **sodium phosphate (10mM , pH 7.5)**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, with addition of 0.1% BSA, for long-term storage (up to 3 months), at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

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.

RESEARCH USE ONLY -NOT for DRUG USE