

PRODUCT INFORMATION SUMMARY

Murine LIGHT

Purified Factor	Product Number	RC444056B	20 ug
		RC444056A	5 ug

DESCRIPTION:

Mouse LIGHT, a member of the TNF family of membrane ligands, expressed by activated PBL, CD8+ Tumor infiltrated lymphocytes, splenocytes, granulocytes and monocytes. The LIGHT protein has ability to activate lymphocytes, and induce apoptosis in certain human tumor cells. LIGHT binds to three receptors: Ltbt, HEVM (Herpes Entry Mediator type A) and a decoy receptor Dcr3). Murine LIGHT has molecular weight of 20 kDa, and 183 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine LIGHT

BIOLOGICAL ACTIVITY: Data under testing at this time.

HANDLING AND STORAGE:

Purified Murine LIGHT factor is provided lyophilized and free of additives. (from 20mM Tris, pH 8.5, and 100 mM Arginine). Store lyophilized, at -20° C. Reconstitute with **100 uL distilled water**, then further dilute in PBS or other buffered solutions (**pH 7.2**). 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 microcentrifuging for 30 seconds to spin-down 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.

RESEARCH USE ONLY -NOT for DRUG USE