

PRODUCT INFORMATION SUMMARY

Human OX-40 Ligand

Purified Factor	Product Number	HC70129B	10.0 ug
Purified Factor	Product Number	HC70129A	2.0 ug

DESCRIPTION:

Human OX-40 Ligand, a TNF Superfamily member protein, also known as CD252, TNFSF4, and Gp34 presents as a membrane protein on antigen-presenting cells (dendritic and activated B cells). The OX-40 Ligand can also be found on NK cells, mast cells and vascular endothelial cells. It signals via the OX-40 receptor expressed most frequently on CD4+ T cells. The interaction between OX40 and OX-40 Ligand exerts a successful interaction between APCs and target T cells. This interaction is important in immuno-regulatory communication. Human OX-40 Ligand is a 133 aa. glycosylated extracellular protein with smaller molecular weight migration on SDS-PAGE of 15 - 25 kDa..

SOURCE: Insect cells
Purity > 97% by HPLC analysis
Endotoxin < 0.1 ng per ug OX-40L
Sterile-filtered and lyophilized from 10mM Tris

BIOLOGICAL ACTIVITY: Under evaluation

HANDLING AND STORAGE:

Purified Human OX-40L factor is provided lyophilized. Store lyophilized, at -20° C. **Microcentrifuge before reconstitution** (see below). Upon reconstitution in sterile or distilled water to concentration of 100 ug/mL, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage - up to 3 months with addition of 0.1% BSA, 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