9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-20639: Recombinant Human sOX40 Ligand(Discontinued)

Reactivity : Human
Alternative Name : TNFSF4, OX40L, Gp34, CD252

Description

Source:Â Hi-5 Insect cells
OX40L, a member of the TNF superfamily of structurally related proteins, exists primarily as a type II membrane bound, non-covalently linked homotrimeric protein. It is expressed on antigen presenting cells (APCs), such as dendritic cells and activated B cells, and also on various other cells such as vascular endothelial cells, mast cells, and natural killer cells. OX40L signals specifically through the OX40 receptor, which is expressed predominantly on CD4+T cells but also on certain activated CD8+T cells. OX40/OX40L functions as a costimulatory signal, which is required for a productive interaction between antigen presenting cells and their target T cells. It enhances cell proliferation and survival, and increases expression of RANTES, IL-2, IL-3, and IFNGamma. OX40/OX40L signaling plays an important role in immuno-regulatory communication, enabling the immune system to distinguish between Â“friend vs. foeÂ” during activation; a mechanism typically termed immuno-tolerance. Recombinant OX40L is a glycosylated 133 amino acid protein corresponding to the extracellular TNF homologous domain of the full length transmembrane protein. It migrates with an apparent molecular mass of 15.5 Â– 25.0 kDa on SDS-PAGE.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity:>= 97% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : QVSHRYPRIQ SIKVQFTEYK KEKGFILTSQ KEDEIMKVQN NSVIINCDGF YLISLKGYFS QEVNISLHYQ KDEEPLFQLK KVRSVNSLMV ASLTYKDKVY LNVTTDNTSL DDFHVNGGEL ILIHQNPGEF CVL

Application Note

Determined by its ability to stimulate IL-8 production by human PBMC using a concentration range of 30-100 ng/ml.Ã□Â

For Research Use Only. Not for use in diagnostic/therapeutics procedures.