TNFSF14 (Human) Recombinant Protein

Catalog # P9271 Size 5 ug

Specification

Product Description	Human TNFSF14 partial recombinant proteind with hIgG-His tag in C-terminus expressed in Baculovirus cells.
Sequence	ADPLPSCKEDEYPVGSECCPKCSPGYRVKEACGELTGTVCEPCPPGTYIAHLNGLSKCLQCQM CDPAMGLRASRNCSRTENAVCGCSPGHFCIVQDGDHCAACRAYATSSPGQRVQKGGTESQDT LCQNCPPGTFSPNGTLEECQHQTKCSWLVTKAGAGTSSSHWVLEPKSCDKTHTCPPCPAPELL GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNST YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVM HEALHNHYTQKSLSLSPGKHHHHHH
Host	Viruses
Theoretical MW (kDa)	46.6
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (0.25 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — TNFSF14

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Entrez GeneID	8740
Protein Accession#	O43557
Gene Name	TNFSF14
Gene Alias	CD258, HVEML, LIGHT, LTg, TR2
Gene Description	tumor necrosis factor (ligand) superfamily, member 14
Omim ID	604520
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq
Other Designations	delta transmembrane LIGHT|herpesvirus entry mediator A|ligand for herpesvirus entry mediator|tumor necrosis factor ligand superfamily, member 14|tumor necrosis factor receptor-like 2|tumor necrosis factor superfamily member LIGHT

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Dementia
- Genetic Diseases
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Hyperparathyroidism

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- Inflammation
- Lymphoproliferative Disorders
- Multiple Myeloma
- Narcolepsy
- Occupational Diseases
- Stroke
- Waldenstrom Macroglobulinemia
- Werner syndrome

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