

Datasheet for ABIN7317297 **NELL2 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	NELL2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NELL2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NELL2 Protein (His Tag)
Sequence:	Met 1-Leu 816
Characteristics:	A DNA sequence encoding the human NELL2 (Q99435) (Met 1-Leu 816) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 87 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	NELL2
Alternative Name:	NELL2 (NELL2 Products)
Background:	Background: OX-40L, also known as TNFSF4 and CD252, is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. OX-40L is an important costimulatory molecule that plays a crucial role in the regulation of T-cell-mediated immunity. The interaction of TNFSF4-

Target Details

TNFSF4 is involved in the pathogenesis of multiple autoimmune and inflammatory diseases such as systemic lupus erythematosus (SLE), carotid artery disease and cancer. OX-40L is a ligand for receptor TNFRSF4/OX4. It is found to play a role in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD40-stimulated B cells, this cytokine along with CD70 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells.

Immune Checkpoint
Immune Checkpoint Targets
Co-stimulatory Immune Checkpoint Targets
Immunotherapy
Cancer Immunotherapy
Targeted Therapy

Synonym: NRP2

Molecular Weight: 90.4 kDa

UniProt: [Q99435](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.