PRODUCT INFORMATION

Target ULBP2

ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L **Synonyms**

Recombinant human ULBP2 protein with C-Description

terminal human Fc tag

Delivery Under development

Uniprot ID Q9BZM5 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Purity

Background

ULBP2 (Gly26-Ser216) hFc(Glu99-ALA330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 46.53 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a major histocompatibility complex (MHC) class I-related molecule that binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple cytokines and chemokines that in turn contribute to the recruitment and activation of NK cells. The encoded protein undergoes further processing to

generate the mature protein that is either

anchored to membrane via a

glycosylphosphatidylinositol moiety, or secreted. Many malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This gene is located in a cluster of multiple MHC class I-related genes on chromosome 6. [provided by

> Email: info@dimabio.com Website: www.dimabio.com

RefSeq, Jul 2015]

Usage Research use only

Conjugate Unconjugated

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