

32-18099: Recombinant Human ULBP2 Protein, His Tag

Uniprot ID : Q9BZM5

Alternative Name : ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L

Description

Molecular Characterization: ULBP2(Gly26-Ser216) 6 \ddot{A} —His tag

Molecular weight: The protein has a predicted molecular mass of 22.5 kDa after removal of the signal peptide. The apparent molecular mass of ULBP2-His is approximately 15-35 kDa due to glycosylation.

Description: Recombinant Human ULBP2 Protein with C-terminal 6 \ddot{A} —His tag

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.

Product Info

Amount : 100 μ g / 50 μ g

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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). Lyophilized proteins are shipped at ambient temperature.