PRODUCT INFORMATION

Target	ULBP2
Synonyms	ALCAN-alpha;N2DL2;NKG2DL2;RAET1H;RAET1L
Description	Recombinant human ULBP2 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q9BZM5
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	ULBP2 (Gly26-Ser216) hFc(Glu99-ALA330)
Molecular Weight	The protein has a predicted molecular mass of 46.53 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 RefSeq, Jul 2015]
Usage	Research use only
Conjugate	Unconjugated

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