

Datasheet for ABIN7455697

ULBP2 Protein (AA 26-216) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	ULBP2
Protein Characteristics:	AA 26-216
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ULBP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ULBP2 Protein with C-terminal 6xHis tag
Specificity:	ULBP2 (Gly26-Ser216) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ULBP2
Alternative Name:	ULBP2 (ULBP2 Products)
Background:	This gene encodes a major histocompatibility complex (MHC) class I-related molecule that

Target Details

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]

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

UniProt: [Q9BZM5](#)

Application Details

Restrictions: For Research Use only

Handling

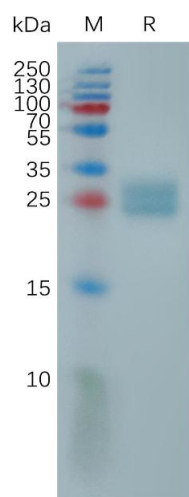
Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human U Protein, His Tag on SDS-PAGE under reducing condition.