Datasheet for ABIN6387928

# ULBP1 Protein (AA 26-216) (His tag)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | ULBP1 |
| Protein Characteristics: | AA 26-216 |
| Origin: | Human |
| Source: | Baculovirus infected Insect Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ULBP1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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|---|---|
| Sequence: | ADLGWVDTHC LCYDFIITPK SRPEPQWCEV QGLVDERPFL HYDCVNHKAK AFASLGKKVN VTKTWEEQTE TLRDVVDFLK GQLLDIQVEN LIPIEPLTLQ ARMSCEHEAH GHGRGSWQFL FNGQKFLLFD SNNRKWTALH PGAKKMTEKW EKNRDVTMFF QKISLGDCKM WLEEFLMYWE QMLDPTKPPS LAPGHHHHHH |
| Purity: | > 90 % by SDS - PAGE |
| Endotoxin Level: | < 1.0 EU per 1 microgram of protein (determined by LAL method) |

## Target Details

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| Target: | ULBP1 |
| Alternative Name: | ULBP1 (ULBP1 Products) |
| Background: | ULBP1, also known as NKG2D ligand 1, is a member of a family of cell-surface proteins that |

## Target Details

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| | function as ligands for human NKG2D. It is unconventional MHC class I-like molecules exploited by viruses and cancer. Its ligand Methylation contributes to immune system evasion in acute myeloid leukemia. It is independent predictors of good prognosis in cervical cancer. Recombinant human ULBP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 23.4kDa (200aa) 28-40kDa (SDS-PAGE under reducing conditions) |
| NCBI Accession: | NP_079494 |
| UniProt: | Q9BZM6 |
| Pathways: | Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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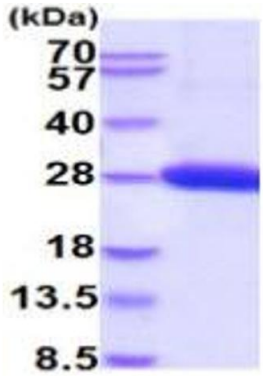
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |




15% SDS-PAGE (3ug)

**SDS-PAGE**

**Image 1.**