

# Recombinant Human ULBP3 Protein, hlgG/His-tagged

**Cat. No.** ULBP3-02H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human ULBP-3 (30-217 aa), fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 430                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | The protein encoded by this gene is one of several related ligands of the KLRK1/NKG2D receptor, which is found in primary NK cells. Binding of these ligands to the receptor activates several signal transduction pathways, including the JAK2, STAT5, and ERK pathways. The encoded protein is expressed solubly and on the surface of many tumor cells, making it potentially an important target for therapeutics. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 49.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | DAHSLWYNFTIIHLPRHGQQWCEVQSQVDQKNFLSYDCGSDKVLSMGHLEEQLYA<br>TDAWGKQLEMLREVGQRLRLELADTELEDFTPSGPLTLQVRMSCECEADGYIRGS<br>WQFSFDGRKFLLFDSNNRKWTVVHAGARRMKEKWEKDSGLTTFFKMVSMRDCKS<br>WLRDFLMHRKKRLEPTAPPTMAPG                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>      | < 1 EU/μg of protein (determined by LAL method)                                                                                                                 |
| <b>Purity</b>         | > 95% by SDS-PAGE                                                                                                                                               |
| <b>Applications</b>   | SDS-PAGE                                                                                                                                                        |
| <b>Storage</b>        | Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b>  | 1 mg/mL (determined by Absorbance at 280nm)                                                                                                                     |
| <b>Storage Buffer</b> | Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol                                                                                                      |

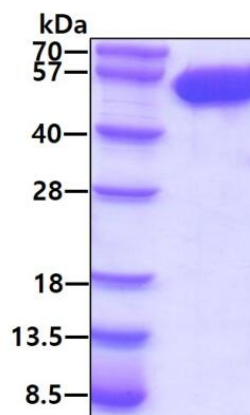
## GENE INFORMATION

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ULBP3 UL16 binding protein 3 [ Homo sapiens (human) ]                                                                                          |
| <b>Official Symbol</b> | ULBP3                                                                                                                                          |
| <b>Synonyms</b>        | ULBP3; UL16 binding protein 3; N2DL-3; RAET1N; NKG2DL3; UL16-binding protein 3; ALCAN-gamma; NKG2D ligand 3; retinoic acid early transcript 1N |
| <b>Gene ID</b>         | 79465                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_024518                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_078794                                                                                                                                      |
| <b>MIM</b>             | 605699                                                                                                                                         |
| <b>UniProt ID</b>      | Q9BZM4                                                                                                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA