

Recombinant Human ULBP2 protein, His-Avi-tagged, Biotinylated

Cat. No. ULBP2-095H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Biotinylated Recombinant Human ULBP2 protein(Q9BZM5)(Gly26-Ser217), fused with C-terminal His and Avi tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Gly26-Ser217 |
| Tag | C-His-Avi |
| Conjugation/Label | Biotin |
| Form | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Biotinylated Human ULBP-2, His Tag at 1ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.25ug/ml determined by ELISA. |
| Molecular Mass | The protein has a predicted MW of 24.6 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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|-----------------------|---|
| Purity | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC |
| Storage | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| Reconstitution | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Conjugation | Biotin |

GENE INFORMATION

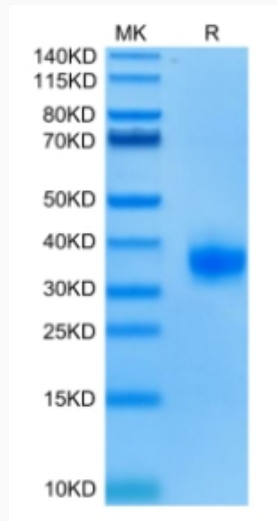
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|------------------------|--|
| Gene Name | ULBP2 UL16 binding protein 2 [Homo sapiens] |
| Official Symbol | ULBP2 |
| Synonyms | ULBP2; UL16 binding protein 2; NKG2D ligand 2; RAET1H; N2DL-2; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; retinoic acid early transcript 1H; retinoic acid early transcript 1 H; N2DL2; |
| Gene ID | 80328 |
| mRNA Refseq | NM_025217 |
| Protein Refseq | NP_079493 |
| MIM | 605698 |
| UniProt ID | Q9BZM5 |

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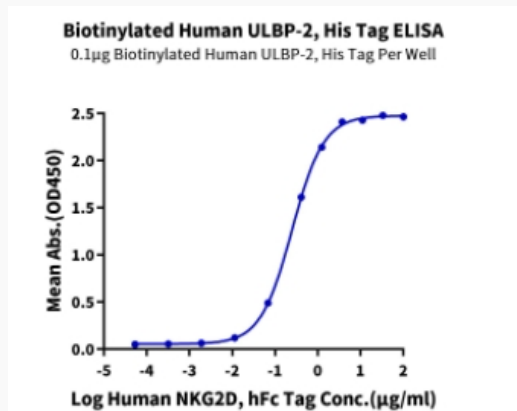
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Tris-Bis PAGE



ELISA Data



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