# Recombinant Human ULBP2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** ULBP2-449HAF555 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 555 conjugated recombinant human ULBP2 (Q9BZM5) (Met 1-Ser 217),without the pro peptide, w was fused with the Fc region of human IgG1 at the C-terminus. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 433 |
| **Form** | Lyophilized |
| **Molecular Mass** | The recombinant human ULBP2/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 433 amino acids and has a predicted molecular mass of 48.7 kDa. As a result of glycosylation, the apparent molecular mass of rhULBP2/Fc monomer is approximately 58 kDa in SDS-PAGE under reducing conditions. |
| **N-terminal Sequence Analysis** | Gly 26 |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE |

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| **Characteristic** | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| **Storage** | Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| **Conjugation** | Alexa Fluor 555 |

## 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 |

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| **mRNA Refseq** | NM_025217 |
| **Protein Refseq** | NP_079493 |
| **MIM** | 605698 |
| **UniProt ID** | Q9BZM5 |

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