

# Recombinant Human ULBP2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** ULBP2-449HAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant human ULBP2 (Q9BZM5) (Met 1-Ser 217), without the pro peptide, was fused with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Protein Length</b>	433
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>N-terminal Sequence Analysis</b>	Gly 26
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE

 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>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	ULBP2 UL16 binding protein 2 [ Homo sapiens ]
<b>Official Symbol</b>	ULBP2
<b>Synonyms</b>	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;
<b>Gene ID</b>	80328
<b>mRNA Refseq</b>	NM_025217

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**Protein Refseq** [NP\\_079493](#)

**MIM** [605698](#)

**UniProt ID** [Q9BZM5](#)

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