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

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

SPECIFICATION

Product Overview	Alexa Fluor 488 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 Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
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 488

GENE INFORMATION

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

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Protein Refseq	NP_079493
MIM	605698
UniProt ID	Q9BZM5

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