

# Recombinant Human ULBP1 Protein, Fc/His-tagged, FITC conjugated

**Cat. No.** ULBP1-3249HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      FITC conjugated recombinant human ULBP1 (NP\_079494.1) mature form (Met 1-Gly 216), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**      Human

**Source**      HEK293

**ProteinLength**      439

**Form**      Lyophilized

**Molecular Mass**      The mature form of recombinant human ULBP1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 439 amino acids and predicts a molecular mass of 50.4 kDa. The apparent molecular mass of rhULBP1/Fc monomer is approximately 55-60 kDa in SDS-PAGE under reducing conditions due to glycosylation.

**Endotoxin**      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
 Labeled with FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 535 nm

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<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
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	ULBP1 UL16 binding protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	ULBP1
<b>Gene ID</b>	80329
<b>mRNA Refseq</b>	NM_025218
<b>Protein Refseq</b>	NP_079494
<b>MIM</b>	605697
<b>UniProt ID</b>	Q9BZM6

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