

Recombinant Human ULBP1 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

Cat. No. ULBP1-3249HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 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 Alexa Fluor 555 via amines
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.

 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

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
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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