

# Recombinant Human ULBP2 Protein (Gly26-Ser217), C-hFc-tagged

## Product Information

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<b>Cat</b>	IMP-9672
<b>Official Symbol</b>	ULBP2
<b>Product Overview</b>	Recombinant human ULBP-2 protein (Gly26-Ser217) with a Human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Mouse myeloma cell line.
<b>Description</b>	<i>This gene encodes a major histocompatibility complex (MHC) class I-related molecule that binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple cytokines and chemokines that in turn contribute to the recruitment and activation of NK cells. The encoded protein undergoes further processing to generate the mature protein that is either anchored to membrane via a glycosylphosphatidylinositol moiety, or secreted. Many malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This gene is located in a cluster of multiple MHC class I-related genes on chromosome 6.</i>
<b>Expression System</b>	Mouse myeloma cell line
<b>Species</b>	Human
<b>Tag</b>	C-hFc
<b>Predicted N Terminal</b>	Gly26
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Molecular Mass</b>	Predicted Molecular Mass: 48 kDa (monomer) SDS-PAGE: 60-65 kDa, reducing conditions
<b>Protein length</b>	Gly26-Ser217
<b>Bio-activity</b>	Measured by its ability to bind Recombinant Human NKG2D/CD314 Fc Chimera in a functional ELISA.
<b>Endotoxin</b>	
<b>Purity</b>	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
<b>Notes</b>	Disulfide-linked homodimer
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution**

*Reconstitute at 100 µg/mL in sterile PBS.*