

**Product Name: Recombinant Human CD147 (C-Fc)**  
**Catalog #: PHH2305**



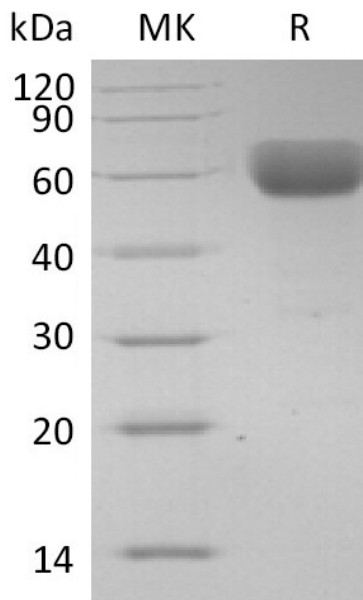
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## Summary

<b>Name</b>	CD147/EMMPRIN/Basigin/Extracellular Matrix Metalloproteinase Inducer
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Basigin is produced by our Mammalian expression system and the target gene encoding Ala22-His205 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	P35613-2
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	47 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

Basigin; Basic immunoglobulin superfamily; HT7 antigen; Membrane glycoprotein gp42; CD147; Bsg

### **Background**

Basigin/CD147 is a member of the immunoglobulin superfamily with homology to both the immunoglobulin V domain and MHC class II antigen beta-chain. This protein play important roles in variety of events including spermatogenesis, embryo implantation, neural network formation. CD147 induces the production and release of matrix metalloproteinases (MMP) in the surrounding mesenchymal cells and tumor cells, and thereby promotes invasion, metastasis, growth and survival of malignant cells. Furthermore, CD147 also serves as a receptor for extracellular cyclophilinthe and its association with integrins might be important in signal transduction. CD147 displays increased expression in many cancers, and it has been previously demonstrated to participate in cancer metastasis and progression.

### **Note**

For Research Use Only , Not for Diagnostic Use.