

**Product Name: Recombinant Human CD316 (C-Fc)**  
**Catalog #: PHH2192**



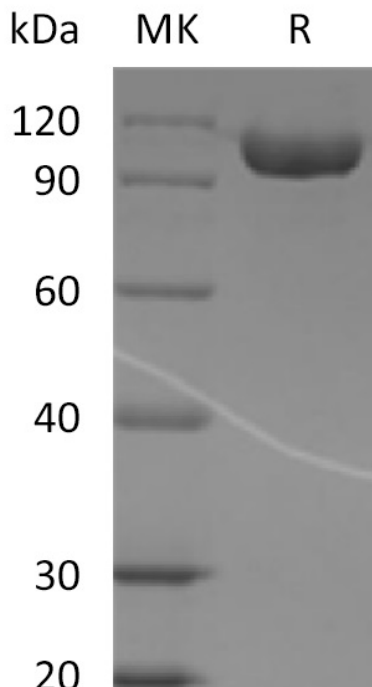
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## Summary

<b>Name</b>	CD316/IGSF8/Immunoglobulin Superfamily Member 8
<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 Immunoglobulin Superfamily Member 8 is produced by our Mammalian expression system and the target gene encoding Arg28-Thr579 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	Q969P0
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	85.7 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<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**

Immunoglobulin Superfamily Member 8; IGSF8; CD81 Partner 3; Glu-Trp-Ile EWI Motif-Containing Protein 2; EWI-2; Keratinocytes-Associated Transmembrane Protein 4; KCT-4; LIR-D1; Prostaglandin Regulatory-Like Protein; PGRL; CD316; IGSF8; CD81P3; EWI2; KCT4

### **Background**

Immunoglobulin Superfamily Member 8 (IGSF8) is a single-pass membrane protein. IGSF8 contains four Ig-like C2 type domains. The Ig-like C2-type domains 3 and 4 are required for interactions with CD81. IGSF8 may regulate proliferation and differentiation of keratinocytes. IGSF8 may participate in the regulation of neurite outgrowth and maintenance of the neural network in the adult brain. It also may play a role on integrin-dependent morphology and motility functions.

### **Note**

For Research Use Only , Not for Diagnostic Use.