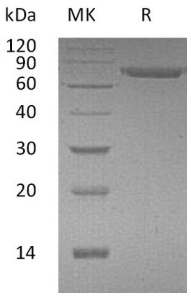
Product Name: Recombinant Human CD316 (C-6His)
Catalog #: PHH0328

Summary

Name	CD316/IGSF8/Immunoglobulin Superfamily Member 8
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Immunoglobulin Superfamily Member 8 is produced by our Mammalian expression system and the target gene encoding Arg28-Thr579 is expressed with a 6His tag at the C-terminus.
Accession #	Q969P0
Host	Human Cells
Species	Human
Predicted Molecular Mass	59.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Trehalose, 150mM NaCl, 0.05% Tween80, pH8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	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.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



Background

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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.