

Recombinant Human Immunoglobulin Superfamily Member 8/IGSF8/CD316 (C-Fc)

Catalog No. PKSH033946

Note: Centrifuge before opening to ensure complete recovery of vial contents.

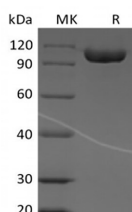
Description

Synonyms	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
Species	Human
Expression Host	HEK293 Cells
Sequence	Arg28-Thr579
Accession	Q969P0
Calculated Molecular Weight	85.7 kDa
Observed molecular weight	90-120 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

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.