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## Datasheet for ABIN7318613 IGSF8 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	IGSF8
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGSF8 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human PGRL/IGSF8 Protein (His Tag)
Sequence:	Arg28-Thr579
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	IGSF8
Alternative Name:	PGRL/IGSF8 ( <a href="#">IGSF8 Products</a> )
Background:	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

## Target Details

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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.

Synonym: 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

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Molecular Weight: 59.6 kDa

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UniProt: [Q969P0](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

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Storage: 4 °C, -20 °C, -80 °C

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Storage Comment: 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.