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Datasheet for ABIN4370804
IGSF8 Protein (AA 28-579) (His tag)

Overview

Quantity:	50 µg
Target:	IGSF8
Protein Characteristics:	AA 28-579
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGSF8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Immunoglobulin Superfamily Member 8/IGSF8/CD316 (C-6His)
Sequence:	REVLVPEGPL YRVAGTAVSI SCNVTYGEGP AQQNFEWFLY RPEAPDTALG IVSTKDTQFS YAVFKSRVVA GEVQVQRLQG DAVVLKIARL QAQDAGIYEC HTPSTDTRYL GSYSGKVELR VLPDVLQVSA APPGPRGRQA PTSPPRMTVH EGQELALGCL ARTSTQKHTH LAVSFGRSVP EAPVGRSTLQ EVVGIRSDLA VEAGAPYAER LAAGELRLGK EGTDRYRMVV GGAQAGDAGT YHCTAAEWIQ DDPGSWAQIA EKRAVLAHVD VQTLSSQLAV TVGPGERRIG PGEPLLELCN VSGALPPAGR HAAYSVGWEM APAGAPGPR LVAQLDTEGV GSLGPGYEGR HIAMEKVASR TYRLRLEAAR PGDAGTYRCL AKAYVRSGT RLREAASARS RPLPVHVREE GVVLEAVAWL AGGTVYRGET ASLLCNISVR GGPPGLRLAA SWWVERPEDG ELSSVPAQLV GGVGQDGVAE LGVRPGGGPV SVELVGPRSH RLRLHSLGPE DEGVIHCAPS AWWQHADYSW YQAGSARSGP VTVYPYMHAL DTVDHHHHHH
Characteristics:	Recombinant Human Immunoglobulin Superfamily Member 8/IGSF8 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence

Product Details

(Arg28-Thr579) of Human IGSF8 fused with a polyhistidine tag at the C-terminus.

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IGSF8
Alternative Name:	IGSF8 (IGSF8 Products)
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>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</p>
Molecular Weight:	59.6 kDa
UniProt:	Q969P0

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Handling

Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months