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Datasheet for ABIN1344141

IGF-like family receptor 1 (IGFLR1) (AA 23-154) protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	IGF-like family receptor 1 (IGFLR1)
Protein Characteristics:	AA 23-154
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	Fc Tag
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds to its ligand IGFL3 (human) in the subnanomolar range (< 1 ng/mL).
Cross-Reactivity:	Human
Characteristics:	Human IGFLR1 (aa 23-154) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.05EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	IGF-like family receptor 1 (IGFLR1)
Alternative Name:	IGFLR1 (IGFLR1 Products)
Background:	Insulin-growth factor-like gene family is a new family of proteins consisting of four proteins in

Target Details

humans (IGFL1 to 4) and one in mice (mIGFL). mIGFL is expressed in normal skin in mice and further upregulated during inflammation responses in skin or after skin wounding. In human only IGFL1 expression is increased in psoriatic skin samples. mIGFL and human IGFL1 and 3 interact with specificity and high affinity to a novel receptor named IGF-like family receptor 1 (formerly TMEM-149). Analysis of the amino acid sequence of IGFLR1 indicated that this receptor is likely a novel member of the TNF-R family. IGFLR1 is expressed most abundantly on mouse T cells, suggesting that mIGFL and IGFL1 produced in the skin may potentially exert regulatory functions on T cell responses.

Molecular Weight: ~50kDa (SDS-PAGE)

UniProt: [Q9H665](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 50 µL sterile water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months