Datasheet for ABIN1344381

IGFL3 Protein (AA 25-140) (DYKDDDDK Tag)

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Overview

Quantity:	10 µg
Target:	IGFL3
Protein Characteristics:	AA 25-140
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFL3 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse IGFL (aa 25-140) is fused at the N-terminus to a FLAG®-tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	IGFL3
Alternative Name:	IGFL (IGFL3 Products)
Background:	Insulin-growth factor-like gene family is a new family of proteins consisting of four proteins in humans (IGFL1 to 4) and one in mice (mIGFL). mIGFL is expressed in normal skin in mice and

Target Details

	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:	~12kDa (SDS-PAGE)
UniProt:	Q6B9Z0

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 100 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

Publications

Product cited in:	Hamelin-Peyron, Vlaeminck-Guillem, Haïdous, Schwall, Poznanovi?, Gorius-Gallet, Michel, Larue, Guillotte, Ruffion, Choquet-Kastylevsky, Ataman-Önal: "Prostate cancer biomarker annexin A3 detected in urines obtained following digital rectal examination presents antigenic variability." in: **Clinical biochemistry**, Vol. 47, Issue 10-11, pp. 901-8, (2014) (PubMed).