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Datasheet for ABIN6964382
TEK Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	TEK
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEK protein is labelled with Fc Tag.

Product Details

Sequence:	TIE2 (Trp23-Leu748)+hFc(GLU99-ALA330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	TEK
Alternative Name:	TIE2 (TEK Products)
Background:	<p>Synonymes: CD202B, GLC3E, TIE-2, TIE2, VMCM, VMCM1</p> <p>Description: This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene</p>

Target Details

are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014]

Molecular Weight: 105.38 kDa

UniProt: [Q02763](#)

Pathways: [RTK Signaling, Growth Factor Binding](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months