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Recombinant human TIE2 protein, C-hFc & His (HEK293)

Catalog Number:	bs-43104P
Concentration:	＞0.5 mg/ml
AA Seq:	23-745/1124
Predicted MW:	108
Detected MW:	130-140 kDa
Tags:	C-hFc & His
Activity:	Not tested
Endotoxin:	Not analyzed
Purity:	>90% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	10 mM TBS (pH=7.4). Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis.TEK is closely related to the TIE receptor tyrosine kinase.

VALIDATION IMAGES

The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.