# Recombinant Human TEK protein, His-tagged, Biotinylated

**Cat. No.** TEK-425H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Biotinylated Recombinant Human TEK protein(AAA61139.1)(Met1-Lys745), fused with His tag, was expressed in HEK293. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Lys745 |
| **Form** | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant human Tie2 consists of 734 amino acids and predicts a molecular mass of 82 kDa. As a result of glycosylation, the apparent molecular mass of human Tie2 is approximately 99.9 kDa in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE. |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| **Conjugation** | Biotin |

## GENE INFORMATION

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| **Gene Name** | TEK TEK tyrosine kinase, endothelial [ Homo sapiens ] |
| **Official Symbol** | TEK |
| **Synonyms** | TEK; TEK tyrosine kinase, endothelial; venous malformations, multiple cutaneous and mucosal , VMCM; angiopoietin-1 receptor; CD202b; TIE 2; TIE2; VMCM1; hTIE2; p140 TEK; soluble TIE2 variant 1; soluble TIE2 variant 2; endothelial tyrosine kinase; tyrosine-protein kinase receptor TEK; tunica interna endothelial cell kinase; tyrosine-protein kinase receptor TIE-2; tyrosine kinase with Ig and EGF homology domains-2; VMCM; TIE-2; CD202B; |
| **Gene ID** | 7010 |
| **mRNA Refseq** | NM_000459 |
| **Protein Refseq** | NP_000450 |
| **MIM** | 600221 |
| **UniProt ID** | Q02763 |

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