

**Product:** TIE2, active  
**Catalog #:** 02-2083  
**Amount:** 5 µg

**DESCRIPTION:** TIE 2 or TEK is a receptor tyrosine kinase that is expressed principally on vascular endothelium.  
The gene accession number is [NM000459](#).  
Gene Aliases: TEK, VMCM, VMCM1, CD202B

**SOURCE:** Recombinant human TIE 2 (771-end) was expressed in Sf9 cells using an N-terminal GST tag

**MOLECULAR WEIGHT:** 61kDa

**PURITY:** > 90% (by densitometry)

**FORM:** Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

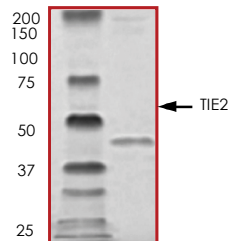
**CONCENTRATION:** 0.1 mg/ml

**SPECIFIC ACTIVITY:** 12 nmol/mim/mg

**STORAGE:** -70°C (aliquot). AVOID repeated Freeze/thaw cycles

**REFERENCE:**

1. Woolf, A S. et al: Angiopoietin growth factors and Tie receptor tyrosine kinases in renal vascular development. *Pediatr Nephrol.* 2001 Feb;16(2):177-84
2. Peters, K G. et al: Functional significance of Tie2 signaling in the adult vasculature. *Recent Prog Horm Res.* 2004;59:51-71



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