

## TIE-2 Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P76673
Synonyms:	Angiopoietin-1 receptor; CD202b antigen; CD202b; hTIE2; p140 TEK; TEK; Tie-2; VMCM; VMCM1
Species:	Cynomolgus
Source:	HEK293
Accession:	G7PS68 (A23-K745)
Gene ID:	/
Molecular Weight:	Approximately 130 kDa

### PROPERTIES

#### AA Sequence

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AMDLILINSL
P
LVSDAETSLT
CIASGWHPHE
PITIGRDFEA
LMNQHQDPLE
VTQDV TREWA
KKVVWKREKA
SKINGAYFCE
GRVRGEAIRI
RTMKMRQQAS
FLPATLTMTV
DKGDNVNISF
KKVLIKEEDA
VIYKNGSFIH
SVPRHEVPDI
LEVHLP HAQP
QDAGVYSARY
IGGNLFTSAF
TRLIVRRCEA
QKWGPECNRL
CTVCVNNGVC
HEDTGECICP
PGFMGRTCEK
ACERHTFGRT
CKERC SGQDG
CKSYVFCLPD
PYGCSCATGW
KGLQCNEACH
HGFYGP DCKL
RCS CSNGETC
DRFQGCLCSP
GRQGLQCERE
GIPRMT PKIV
DLPDHI EVNS
GKFNPICKAS
GWPLPTNEEM
TLVKPDGTVL
HPKDFNHTDH
FSVAIFTIHR
ILPPDSGVVW
CSANTVAGMV
EKPFNISVKV
LPKPLNAPNV
IDTGHNF AVI
NISSEPYFGD
GPIKSKKLLY
KPVNHYEAWR
HIQVTNEIVT
LNHLEPRTEY
ELCVQLVRRG
EGGEGHPGPV
RRFTTASIGL
PPPRGLNLLP
KSQTTLNLTW
QPIFP SSEDD
FYVEVERRSV
QKSDQQNIKV
PGNLTSVLLN
NLHPREQYVV
RARVNTKAQG
EWSEDLTAWT
LSDILPPQPE
NIKISNITHS
SAVISWTILD
GYSISSITIR
YKVQGKNEDQ
HIDVKIKNAT
ITQYQLKGLE
PETAYQVDIF
AENNIGSSNP
AFSHELVTLP
ESEAPADLGG
GK
  
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**Biological Activity** Immobilized Cynomolgus TIE-2 at 1 µg/mL (100 µL/well) can bind Biotinylated Angiopoietin-2. The ED<sub>50</sub> for this effect is 88.60 ng/mL.

**Appearance** Lyophilized powder

**Formulation** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Endotoxin Level** <1 EU/µg, determined by LAL method.

**Reconstitution** It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is

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	recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

## DESCRIPTION

### Background

TIE-2 belongs to the RTPK family of proteins and is a type I transmembrane protein. TIE-2 can serve as a receptor for growth factors, differentiation factors, and metabolic response stimulators<sup>[1]</sup>.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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