

TIE-1 Protein, Human (HEK293, His)

Cat. No.:	HY-P71362
Synonyms:	Tyrosine-Protein Kinase Receptor Tie-1; TIE1; TIE
Species:	Human
Source:	HEK293
Accession:	P35590 (A22-Q760)
Gene ID:	7075
Molecular Weight:	Approximately 90.0 kDa

PROPERTIES

AA Sequence

AVDLTLLANL	RLTDPQRFFL	TCVSGEAGAG	RGSDAWGPP L
LLEKDDRIVR	TPPGPPLRLA	RNGSHQVTLR	GFSKPSDLVG
VFSCVGGAGA	RRTRVIYVHN	SPGAHL LPDK	VTHTV NKGDT
AVLSARVHKE	KQTDVIWKS N	GSYFYTL DWH	EAQDGRFLLQ
LPNVQPPSSG	IYSATYLEAS	PLGSAFFRLI	VRGCGAGRWG
PGCTKECPGC	LHGGVCHDHD	GECVCP PGFT	GTRCEQACRE
GRFGQSCQEQ	CPGISGCRGL	TFCLPDPYGC	SCGSGWRGSQ
CQEACAPGHF	GADCRLQCQC	QNGGTCDRFS	GCVCP SGWHG
VHCEKSDRIP	QILNMASELE	FNLETMPRIN	CAAAGNPF PV
RGSIELR KPD	GTVLLSTKAI	VEPEKT TAEF	EVPRLVLADS
GFWE CRVSTS	GGQDSRRFKV	NVKVPPVPLA	APRLLTKQSR
QLVVSPLVSF	SGDGP ISTVR	LHYRPQDSTM	DWSTIVVDPS
ENVTLMNLRP	KTGYSVRVQL	SRPGEGGEGA	WGPPTLMTTD
CPEPL LQPWL	EGWHVEGTDR	LRVSWSLPLV	PGPLVGDGFL
LRLWDGTRGQ	ERRENVSSPQ	ARTALLTGLT	PGTHYQLDVQ
LYHCTLLGPA	SPPAHVLLPP	SGPPAPRHLH	AQALSDSEIQ
LTWKHPEALP	GPI SKYVVEV	QVAGGAGDPL	WIDVDRPEET
STIIRGLNAS	TRYLFRMRAS	IQGLGDWSNT	VEESTLGNGL
QAEGPVQESR	AAEEGLDQQ		

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 500 mM NaCl, 10% Sucrose, pH 8.2.

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 ddH₂O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

Storage & Stability 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.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION**Background**

TIE-1 is a transmembrane tyrosine-protein kinase with the potential to modulate the activity of TEK/TIE2, thereby contributing to the intricate regulation of angiogenesis.

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

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