

# Product datasheet for TP720418XL

# TIE1 (NM\_005424) Human Recombinant Protein

## **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human tyrosine kinase with immunoglobulin-like and EGF-like domains 1 (TIE1) Species: Human **Expression Host: HEK293 Expression cDNA Clone** Ala22-Gln760 or AA Sequence: C-His Tag: Predicted MW: 81 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test **Reconstitution Method:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Storage: Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling Stability: conditions. NP 005415 RefSeq: Locus ID: 7075 **UniProt ID:** P35590 Cytogenetics: 1p34.2 Synonyms: JTK14; LMPHM11; TIE



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

### OriGene Technologies, Inc.

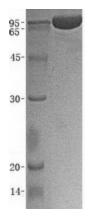
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### **GRIGENE** TIE1 (NM\_005424) Human Recombinant Protein – TP720418XL

Summary:This gene encodes a member of the tyrosine protein kinase family. The encoded protein<br/>plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1<br/>signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the<br/>encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including<br/>vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple<br/>isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

### **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US