

Product datasheet for **TP700156**

TIE1 (NM_005424) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified Recombinant protein of human tyrosine kinase with immunoglobulin-like and EGF-like domains 1 (TIE1), with C-terminal DDK/His tag, expressed in human cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC600056, encoding the region (Ala22 – Gln759) of human TIE1
Tag:	C-DDK/His
Predicted MW:	82.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005415
Locus ID:	7075
UniProt ID:	P35590
RefSeq Size:	4000
Cytogenetics:	1p34.2
RefSeq ORF:	2277
Synonyms:	JTK14; LMPHM11; TIE


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Summary:

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

Protein Families:

Druggable Genome, Protein Kinase, Transmembrane

Product images:
