

## Product datasheet for **AR31061PU-L**

### TIE1 (C-term, His-tag) Mouse Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	TIE1 (C-term, His-tag) mouse recombinant protein, 50 µg
<b>Species:</b>	Mouse
<b>Expression Host:</b>	Insect
<b>Expression cDNA Clone or AA Sequence:</b>	SVDLTLANL RITDPQRFFL TCVSGEAGAG RSSDPPLLE KDDRIVRTPF PGQPLYLARN GSHQVTLRGF SKPSDLVGVF SCVGGAGARR TRVLYVHNSP GAHLFPDKVT HTVNKGD TAV LSAHVHKKQT DVIWKNNGSY FNTLDWQEAD DGRFQLQLQN VQPPSSGIYS ATYLEASPLG SAFFRLIVRG CGAGRWGPGC VKDCPGCLHG GVCHDHDGEC VCPPGFTGTR CEQACREGRF GQSCQEQCPG TAGCGLTFCL PDPYGCSCGS GWRGSQCQEA CAPDHF GADC RLQCQCQNGG TCDRFSGCVC PSGWHGVHCE KSDRIPQILS MATEVEFNIG TMPRINCAA GNPFPVRGSM KLRKPDG TML LSTKVIV EPD RTAEFEVPSL TLGDSGFWEC RVSTSGGQDS RRFKVNKVP PVPLTAPRL AKQSRQLVVS PLVSFSGDGP ISSVRLHYRP QDSTIAWSAI VVDPSENVTL MNLKPKTGYN VRVQLSRPGE GGEGGWGPAL MTTDCPEPLL QPWLESWHVE GPDRLRVSW LPSVPLSGDG FLLRLWDGAR GQERRENISF PQARTALLTG LTPGTHYQLD VRLYHCTLLG PASPPAHVHL PPSGPPAPRH LHAQALS DSE IQLMWHPEAP SGPISKYIVE IQVAGGSGDP QWMDVDRPEE TSIIVRGLNA STRYLFRVRA SVQGLGDWSN TVEEATLGNG LQSEDPVRES RATRHHHHHH
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	95 kDa
<b>Purity:</b>	>90%
<b>Buffer:</b>	Presentation State: Purified State: Lyophilized purified protein. Buffer System: PBS without stabilizer
<b>Bioactivity:</b>	Biological: Since a ligand for TIE-1 has not yet been identified, the recombinant protein was not tested for biological activity.
<b>Endotoxin:</b>	< 0.1ng per µg sTIE-1
<b>Reconstitution Method:</b>	The lyophilized sTIE-1 is soluble in water and most aqueous buffers. The lyophilized sTIE-1 should be restored in PBS or medium to a concentration not lower than 50 µg/ml.
<b>Preparation:</b>	Lyophilized purified protein.



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<b>Protein Description:</b>	Recombinant Mouse soluble TIE-1 was fused with a 6x His-tag at the C-terminus.
<b>Storage:</b>	Samples are stable for 2-4 weeks at 2-8°C. sTIE-1 should be stored in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles!
<b>RefSeq:</b>	<a href="#">NP_035717</a>
<b>Locus ID:</b>	21846
<b>UniProt ID:</b>	<a href="#">Q06806</a>
<b>Cytogenetics:</b>	4 54.67 cM
<b>Synonyms:</b>	D430008P04Rik; TIE; tie-1
<b>Summary:</b>	Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis.[UniProtKB/Swiss-Prot Function]