

# Recombinant Mouse Tie1 Protein, Fc-tagged

**Cat. No.** Tie1-7355M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Murine soluble TIE-1 (Val23-Glu749) protein fused with the Fc part of human IgG1 was expressed in CHO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 260 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>VDLTLLANLRITDPQRFFLTCVSGEAGAGRSSDPPLLEKDDRIVRTFPPGQPLYLAR<br/> NGSHQVTLRGFSKPSDLVGVFSCVGGAGARRTRVLYVHNSPGAHLFPDKVTHTVN<br/> KGD TAVLSAHVHKEKQTDVIWKNNGSYFNTLDWQEADDGRFQLQLQNVQPPSSGI<br/> YSATYLEASPLGSAFFRLIVRGCGAGRWGPGCVKDCPGCLHGGVCHDHDGECVCP<br/> PGFTGTRCEQACREGRFGQSCQECPGTAGCRGLTFCLPDYPGCSCGSGWRGS<br/> QCQEACAPDHFGADCRLQCQCQNGGTCDRFSGCVCPSGWHGVHCEKSDRIPQIL<br/> SMATEVEFNIGTMPRINCAAAGNPPFVRGSMKLRKPDGTMLLSTKVIVEPDRTTAEF<br/> EVPSLTLGDSGFWECDRVSTSGGQDSRRFKVNVKVPPVPLTAPRLAKQSRQLVVS<br/> LVSFSGDGPISVRLHYRPQDSTIAWSAIVDPSENVTLMLNPKPTGYNVRVQLSRP<br/> GEGGEGGWGPSALMTTDCPEPLLQPWLESWHVEGPDRLRVSWSLPSVPLSGDGF<br/> LLRLWDGARGQERRENISFPQARTALLTGLTPGTHYQLDVRLYHCTLLGPASPPAH</p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

VHLPPSGPPAPRHLHAQALSDSEIQLMWQHPEAPSGPISKYIVEIQVAGGSGDPQW  
MDVDRPEETSIIVRGLNASTRYLFRVRASVQGLGDWSNTVEEATLGNGLQSEDVPR  
ESRAAEEGLTRSDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD  
VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYK  
CKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA  
VEWESNGQPENNYKTPPMLDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEAL  
HNHYTQKSLSLSPGK

**Purity** > 90 % by SDS-PAGE and visualized by Silver stain

**Stability** Shelf life: one year from despatch.

**Storage** Store lyophilized at 2-8 centigrade for 6 months or at -20 centigrade long term.  
After reconstitution store the antibody undiluted at 2-8 centigrade for one month or (in aliquots) at -20 centigrade long term.  
Avoid repeated freezing and thawing.

**Storage Buffer** PBS without stabilizers

**Reconstitution** Restore in PBS or medium to a concentration not lower than 50 µg/mL. The lyophilised sTIE-1/Fc is soluble in water and most aqueous buffers.

## GENE INFORMATION

**Gene Name** Tie1 tyrosine kinase with immunoglobulin-like and EGF-like domains 1 [ Mus musculus (house mouse) ]

**Official Symbol** Tie1

**Synonyms** Tie1; tyrosine kinase with immunoglobulin-like and EGF-like domains 1; TI; TIE; tie-; tie-1; D430008P04Rik; tyrosine-protein kinase receptor Tie-1; tyrosine kinase

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receptor 1; EC 2.7.10.1

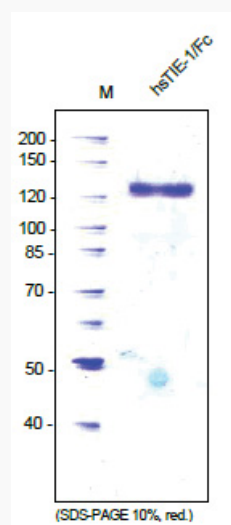
Gene ID 21846

mRNA Refseq NM\_011587

Protein Refseq NP\_035717

UniProt ID Q06806

SDS-PAGE



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