

Recombinant Mouse Tie1 Protein, Fc-tagged

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

SPECIFICATION

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

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VHLPPSGPPAPRHLHAQALSDSEIQLMWQHPEAPSGPISKYIVEIQVAGGSGDPQW
MDVDRPEETSIIVRGLNASTRYLFRVRASVQGLGDWSNTVEEATLGNGLQSEDVPR
ESRAAEEGLTRSDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD
VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYK
CKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA
VEWESNGQPENNYKTPPMLDSGSFFLYSKLTVDKSRWQQGNVFSCSVMHEAL
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; Tl; TIE; tie-; tie-1; D430008P04Rik; tyrosine-protein kinase receptor Tie-1; tyrosine kinase

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receptor 1; EC 2.7.10.1

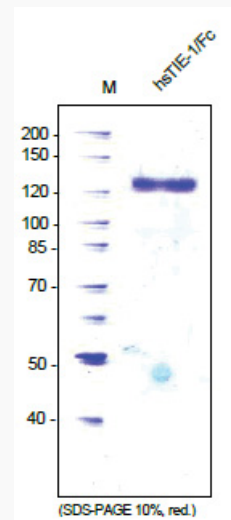
Gene ID 21846

mRNA Refseq NM_011587

Protein Refseq NP_035717

UniProt ID Q06806

SDS-PAGE



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