

## Product datasheet for **AR31151PU-L**

### TIE1 (Fc Chimera) Mouse Protein

#### Product data:

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| <b>Product Type:</b>                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description:</b>                          | TIE1 (Fc Chimera) mouse recombinant protein, 0.1 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species:</b>                              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Expression Host:</b>                      | CHO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Expression cDNA Clone or AA Sequence:</b> | VDLTLLANLR ITDPQRFFLT CVSGEAGAGR SSDPPLLEK DDRIVRTFPP GQPLYLARNG SHQVTLRGFS KPSDLVGVFS CVGGAGARRT RVLVYVHNSPG AHLFPDKVTH TVNKGDTAVL SAHVHKEKQT DVIWKNNGSY FNTLDWQEAD DGRFQLQLQN VQPPSSGIYS ATYLEASPLG SAFFRLIVRG CGAGRWGPGC VKDCPGCLHG GVCHDHDGEC VCPPGFTGTR CEQACREGRF GQSCQEQCPG TAGCRGLTFC LPDPYGCSG SGWRGSQCQE ACAPDHFGAD CRLQCQCQNG GTCDRFSGCV CPSGWHGVHC EKSDRIPQIL SMATEVEFNI GTMPRINCAA AGNPPVVRGS MKLRKPDGTM LLSTKVIVEP DRTTAEFEVP SLTLGDSGFV ECRVSTSGGQ DSRRFKVNVK VPPVPLTAPR LLAQSRQLV VSPLVSFSGD GPISSVRLHY RPQDSTIAWS AIVVDPSENV TLMNLKPKTG YNVRVQLSRP GEGGEGGWGP SALMTTDCPE PLLQPWLESW HVEGPDRLRV SWSLPSVPLS GDGFLRLWD GARGQERREN ISFPQARTAL LTGLTPGTHY QLDVRLYHCT LLGPASPPAH VHLPPSGPPA PRHLHAQALS DSEIQLMWQH PEAPSGPISK YIVEIQVAGG SGDPQWMDVD RPEETSIIVR GLNASTRYLF RVRASVQGLG DWSNTVEEAT LGNGLQSEDP VRESRAAEEG LTRSDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVWVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFPYPSD IAVEWESNGQ PENNYKTPP MLDSDGSSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K |
| <b>Predicted MW:</b>                         | 260 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity:</b>                               | >90% by SDS-PAGE and visualised by silver stain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Buffer:</b>                               | Presentation State: Purified<br>State: Lyophilized purified protein<br>Buffer System: PBS without stabilizers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reconstitution Method:</b>                | Restore in PBS or medium to a concentration not lower than 50 µg/ml.<br>The lyophilised sTIE-1/Fc is soluble in water and most aqueous buffers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preparation:</b>                          | Lyophilized purified protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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| <b>Protein Description:</b> | Recombinant Murine soluble TIE-1 was fused with the Fc part of human IgG1. The recombinant mature sTIE-1/Fc is a disulfide-linked homodimeric protein. The sTIE-1/Fc monomers have a mass of approximately 105 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 130 kDa protein in SDS-PAGE under reducing conditions. The soluble receptor protein consists of the full extracellular domain (Val23-Glu749). |
| <b>Storage:</b>             | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing.                                                                                                                                                                                                                              |
| <b>Stability:</b>           | Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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]                                                                                                                                                                                                                                                                                           |

### Product images:

