

## Endothelial cell-specific molecule 1 Recombinant Protein | Esm1 recombinant protein

Recombinant Mouse Endothelial cell-specific molecule 1

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA117419</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

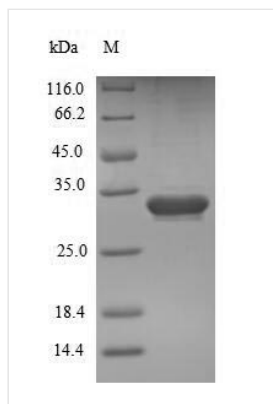
### PRODUCT SYNONYMS

Endothelial cell-specific molecule 1; Recombinant Mouse Endothelial cell-specific molecule 1; ESM-1; Esm1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                        |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                               |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                        |
| Sequence Positions      | 22-184aa; Full Length                                                                                                                                                                   |
| Sequence                | AKYAVDCPEH CDKTECRSSL RCKRTLDDC GCCQVCAAGP GETCYRTVSG MDGVKCGPGL KCHFYSEEDD<br>FGDEFGICKD CPYGTFGMEC KETCNCQSGI CDRV TGRCLD FPFQYAAK SPSRTSASHT ERDSASGDGN<br>AVREEIGEGN AARPSVMKWL NPR |
| Sequence Length         | 184                                                                                                                                                                                     |
| Species                 | Mus musculus (Mouse)                                                                                                                                                                    |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                  |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                       |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Esm1 recombinant protein | Involved in angiogenesis; promotes angiogenic sprouting. May have potent implications in lung endothelial cell-leukocyte interactions                                 |
| Product Categories/Family for Esm1 recombinant protein   | <a href="#">Tags &amp; Cell Markers</a>                                                                                                                               |
| References                                               | "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."<br>The MGC Project Team Genome Res. 14:2121-2127(2004) |

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 14196342                             |
| NCBI GeneID                      | 71690                                |
| NCBI Accession #                 | NP_076101.1                          |
| NCBI GenBank Nucleotide #        | NM_023612.3                          |
| UniProt Accession #              | Q9QYY7                               |
| Molecular Weight                 | 33.7 kDa                             |
| NCBI Official Full Name          | endothelial cell-specific molecule 1 |
| NCBI Official Synonym Full Names | endothelial cell-specific molecule 1 |
| NCBI Official Symbol             | Esm1                                 |
| NCBI Official Synonym Symbols    | ESM-1; AV004503; 0610042H23Rik       |
| NCBI Protein Information         | endothelial cell-specific molecule 1 |
| UniProt Protein Name             | Endothelial cell-specific molecule 1 |
| UniProt Gene Name                | <b>Esm1</b>                          |
| UniProt Synonym Gene Names       | ESM-1                                |
| UniProt Entry Name               | ESM1_MOUSE                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/esm1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117419>