

## Isthmin-2 (ISM2) Recombinant Protein | ISM2 recombinant protein

Recombinant Human Isthmin-2 (ISM2)

|                               |                                                                 |
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| CATALOG #<br><b>AAA117771</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
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### PRODUCT SYNONYMS

Isthmin-2 (ISM2); Recombinant Human Isthmin-2 (ISM2); ISM2 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      | 27-571, Full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence                | LPVKKPRLRG PRPGSLTRLA EVSASPDPRP LKEEEEAPLL PRTHLQAEPH QHGCWTVTEP AAMTPGNATP<br>PRTPEVTPLR LELQKLPLA NTTLSTPNPD TQASASPDPR PLREEEEARL LPRTHLQAEH QHGCWTVTE<br>PAALTPGNAT PPRTQEVTP LLELQKLPEL VHATLSTPNP DNQVTIKVVE DPQAEVSIDL LAEPSNPPQ<br>DTLSWLPALW SFLWGDYKGE EKDRAPGEKG EEKEEDEDYP SEDIEGEDQE DKEEDEEEQA LWFNGTTDNW<br>DQGWLAPGDW VFKDSVSYDY EPQKEWSPWS PCSGNCSTGK QQRTRPCGYG CTATETRTCD LPSCPGTEDK<br>DTLGLPSEEW KLLARNATDM HDQDVDSCEK WLNCKSDFLI KYLSQMLRDL PSCPCAYPLE AMDSPVSLQD<br>EHQGRSFRWR DASGPRERLD IQPTARFCL RSMLSGESST LAAQHCCYDE DSRLLTRGKG AGMPNLISTD<br>FSPKLHFKFD TTPWILCKGD WSRLHAVLPP NNGRACTDNP LEEEYLAQLQ EAKY |
| Sequence Length         | 545                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### ADDITIONAL INFORMATION

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| Related Product Information for ISM2 recombinant protein | This protein contains a type 1 thrombospondin domain, which is present in thrombospondin, a number of proteins involved in the complement pathway, as well as in extracellular matrix proteins. Two alternatively spliced transcript variants encoding distinct isoforms have been observed. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 40805854                                                                       |
| NCBI GeneID                      | 145501                                                                         |
| NCBI Accession #                 | NP_872315.2                                                                    |
| NCBI GenBank Nucleotide #        | NM_182509.3                                                                    |
| UniProt Accession #              | Q6H9L7; O95432; Q495U5; Q68CN3; Q86TQ7; Q86TW3; Q86TW4; Q8N501; Q8NBL0; A8K6D5 |
| Molecular Weight                 | 54,996 Da                                                                      |
| NCBI Official Full Name          | isthmin-2 isoform 3                                                            |
| NCBI Official Synonym Full Names | isthmin 2                                                                      |

|                               |              |
|-------------------------------|--------------|
| NCBI Official Symbol          | ISM2         |
| NCBI Official Synonym Symbols | TAIL1; THSD3 |
| NCBI Protein Information      | isthmin-2    |
| UniProt Protein Name          | Isthmin-2    |
| UniProt Gene Name             | <b>ISM2</b>  |
| UniProt Synonym Gene Names    | TAIL1; THSD3 |

**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://www.aaabiotech.com/ism2-recombinant-protein-e-coli/117771>