

Recombinant Human ISM1 Protein (30-464), C-His-tagged

Cat. No. ISM1-34H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human isthmin-1 (aa 30-464) is fused at the C-terminus to a His-tag was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 30-464 |
| Description | Acts as an angiogenesis inhibitor. Predicted to be involved in negative regulation of angiogenesis. Predicted to be located in extracellular region. |
| Form | Lyophilized |
| Molecular Mass | ~65 kDa (SDS-PAGE) |
| Endotoxin | <0.01EU/μg purified protein (LAL test). |
| Purity | ≥95% (SDS-PAGE) |
| Stability | Stable for at least 6 months after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade. |
| Storage | Short Term Storage: +4 centigrade Long Term Storage: -20 centigrade |

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| Concentration | 1 mg/mL after reconstitution. |
| Storage Buffer | Contains PBS. |
| Reconstitution | Reconstitute with 50 µL endotoxin-free water. |
| Shipping | BLUE ICE |

GENE INFORMATION

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|------------------------|--|
| Gene Name | ISM1 isthmin 1 [Homo sapiens (human)] |
| Official Symbol | ISM1 |
| Synonyms | ISM1; isthmin 1; ISM; Isthmin; C20orf82; bA149I18.1; dJ1077I2.1; isthmin-1; isthmin 1 homolog; isthmin 1, angiogenesis inhibitor |
| Gene ID | 140862 |
| mRNA Refseq | NM_080826 |
| Protein Refseq | NP_543016 |
| MIM | 615793 |
| UniProt ID | B1AKI9 |

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