

Recombinant Mouse Ism1 Protein (30-461), C-His-tagged

Cat. No. Ism1-12M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse isthmin-1 (aa 30-461) fused at the C-terminus to a His-tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	30-461
Description	Involved in negative regulation of angiogenesis. Predicted to be located in extracellular region. Is expressed in several structures, including brain; eye; immune system; limb long bone; and lung. Orthologous to human ISM1 (isthmin 1).
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

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	Long Term Storage: -20 centigrade
Concentration	1 mg/mL after reconstitution.
Storage Buffer	Contains PBS.
Reconstitution	Reconstitute with 50 µL endotoxin-free water.
Handling	<p>After opening, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. For maximum product recovery after thawing, centrifuge the vial before opening the cap.</p>
Shipping	BLUE ICE

GENE INFORMATION

Gene Name	Ism1 isthmin 1, angiogenesis inhibitor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ism1
Synonyms	Ism1; isthmin 1, angiogenesis inhibitor; Ism; 5430433G21Rik; isthmin-1; isthmin 1 homolog
Gene ID	319909
mRNA Refseq	NM_001276489
Protein Refseq	NP_001263418

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UniProt ID

A2ATD1

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