

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Long Term Storage: -20 centigrade
Concentration	1 mg/mL after reconstitution.
Storage Buffer	Contains PBS.
Reconstitution	Reconstitute with 50 µL endotoxin-free water.
Handling	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.
Shipping	BLUE ICE

GENE INFORMATION

Gene Name	Ism1 isthmin 1, angiogenesis inhibitor [Mus musculus (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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