Recombinant Mouse ISM1 Protein (30-454 aa), His-tagged

Cat. No. ISM1-2303M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ISM1 Protein (30-454 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	30-454 aa
Description	Acts as an angiogenesis inhibitor.
Form	Tris-based buffer,50% glycerol
Molecular Mass	50.1 kDa
AA Sequence	SDRQDAAAGNNNLNLESDSTSETSFPLSKEAPEEHQVVHQPFPRQRFPPETGHPSL QRDGPRSFLLDLPNFPDLSKADINGQNPNIQVTIEVVDGPDSEAEKDQHPENKPSW SLPAPDWRAWWQRSLSLARTNSGDQDDKYDSTSDDSNFLSVPRGWDRPAPGHRT FETKEQPEYDSTDGEGDWSLWSVCSVTCGNGNQKRTRSCGYACIATESRTCDRPN CPGIEDTFRTAATEVSLLAGSEEFNATKLFEVDMDSCERWMSCKSEFLKKYMHKVIN DLPSCPCSYPTEVAYSTADIFDRIKRKDFRWKDASGPKEKLEIYKPTARYCIRSMLSL ESTTLAAQHCCYGDNMQLITRGKGAGTPNLISTEFSAELHYKVDVLPWIICKGDWSR YNEARPPNNGQKCTESPSDEDYIKQFQEAREY

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Ism1 isthmin 1 homolog (zebrafish) [Mus musculus]
Official Symbol	ISM1
Synonyms	ISM1; isthmin 1 homolog (zebrafish); isthmin-1; Ism; Isthmin; AV354986; RP23-296P2.1; 5430433G21Rik;
Gene ID	319909
mRNA Refseq	NM_001126490
Protein Refseq	NP_001119962
UniProt ID	A2ATD1

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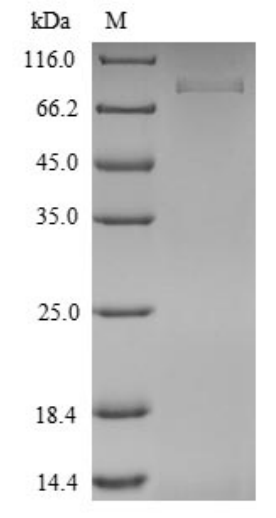

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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