

Recombinant Human ISM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ISM1-4210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ISM1 MS Standard C13 and N15-labeled recombinant protein (NP_543016) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ISM1 (Isthmin 1) is a Protein Coding gene. Diseases associated with ISM1 include Indolent Systemic Mastocytosis and Hematocele Of Tunica Vaginalis Testis. An important paralog of this gene is THBS1.
Molecular Mass	51.9 kDa
AA Sequence	MVRLAAELLLLLGLLLTLHITVLRGSGAADGPDAAGNASQAQLQNNLNVGSDTTS ETSFSLSKEAPREHLHQAAHQPFPRPRFRQETGHPSLQRDFPRSFLDLNFPDL SKADINGQNPNIQVTIEVVDGPDSEADKDQHPENKPSWSVSPDWRAWWQRSLSL ARANSQDQDYKYDSTSDDSNFLNPPRGWDHTAPGHRTFETKDQPEYDSTDGEGD WSLWSVCSVTCGNQKQKTRSCGYACTATESRTCDRPNCPGIEDTFRTAATEVSL LAGSEEFNATKLFVDTDSCERWMSCKSEFLKKYMHKVMNDLPSCPCSYPTAVAY STADIFDRIKRKDFRWKDGSPKEKLEIYKPTARYCIRSMLSLESTTLAAQHCCYGDN MQLITRGKGAGTPNLISTEFSDELHYKVDVLPWIICKGDWSRYNEARPPNNGQKCTE SPSDEDYIKQFQEAAREYSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ISM1 isthmin 1 [Homo sapiens (human)]
Official Symbol	ISM1
Synonyms	ISM1; isthmin 1 homolog (zebrafish); C20orf82, chromosome 20 open reading frame 82; isthmin-1; bA149I18.1; ISM; Isthmin; C20orf82; dJ1077I2.1;
Gene ID	140862
mRNA Refseq	NM_080826
Protein Refseq	NP_543016
MIM	615793
UniProt ID	B1AKI9

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SDS-PAGE

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