

Recombinant Human INSM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INSM1-4925H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INSM1 MS Standard C13 and N15-labeled recombinant protein (NP_002187) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Insulinoma-associated 1 (INSM1) gene is intronless and encodes a protein containing both a zinc finger DNA-binding domain and a putative prohormone domain. This gene is a sensitive marker for neuroendocrine differentiation of human lung tumors.
Molecular Mass	52.7 kDa
AA Sequence	MPRGFLVKRSKKSTPVSYRVRGGEDGDRALLSPSCGGARAEPPAPSPVPGPLPP PPPAERAHAALAAALACAPGPQPPPQGPRAAHFGNPEAAHPAPLYSPTRPVSREHE KHKYFERSFNLGSPVSAESFPTPAALLGGGGGGGASGAGGGGTCGGDPLLFAPAE LKMGTAFSAGAEAAARGPGPGPPLPPAAALRPPGKRPPPTAAEPPAKAVKAPGAKK PKAIRKLHFEDEVTTSPVLGLKIKEGPVEAPRGRAGGAARPLGEFICQLCKEEYADPF ALAQHKCSRIVRVEYRCPECAKVFSCPANLASHRRWHKPRPAPAAARAPEPEAAAR AEAREAPGGGSDRDTSPGGVSESGSEDGLYECHHCAKKFRRQAYLRKHLLAHHQ ALQAKGAPLAPPAEDLLALYPGPDEKAPQEAAGDGEGAGVLGLSASAECHLCPVCG ESFASKGAQERHLRLLHAAQVFPCKYCPATFYSSPGLTRHINKCHPSENQRQVILLQV PVRPACTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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.

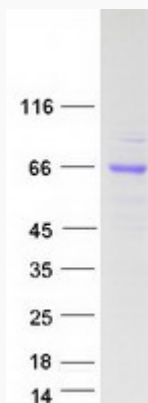
GENE INFORMATION

Gene Name	INSM1 insulinoma-associated 1 [Homo sapiens (human)]
Official Symbol	INSM1
Synonyms	INSM1; insulinoma-associated 1; insulinoma-associated protein 1; IA 1; zinc finger protein IA-1; IA1; IA-1;
Gene ID	3642
mRNA Refseq	NM_002196
Protein Refseq	NP_002187
MIM	600010
UniProt ID	Q01101

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SDS-PAGE

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