Recombinant Human INSL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INSL3-4101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INSL3 MS Standard C13 and N15-labeled recombinant protein (NP_005534) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the insulin-like hormone superfamily. The encoded protein is mainly produced in gonadal tissues. Studies of the mouse counterpart suggest that this gene may be involved in the development of urogenital tract and female fertility. This protein may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. Mutations in this gene may lead to cryptorchidism. Alternate splicing results in multiple transcript variants.
Molecular Mass	14.5 kDa
AA Sequence	MDPRLPAWALVLLGPALVFALGPAPTPEMREKLCGHHFVRALVRVCGGPRWSTEA RRPAAGGDRELLQWLERRHLLHGLVADSNLTLGPGLQPLPQTSHHHRHHRAAATN PARYCCLSGCTQQDLLTLCPYTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

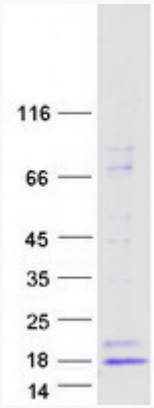
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	INSL3 insulin like 3 [Homo sapiens (human)]
Official Symbol	INSL3
Synonyms	INSL3; insulin-like 3 (Leydig cell); relaxin like factor, RLNL; insulin-like 3; MGC119818; MGC119819; RLF; ley-I-L; relaxin-like factor b; leydig insulin-like peptide; leydig insulin -like hormone; leydig insulin -like peptide; RLNL;
Gene ID	3640
mRNA Refseq	NM_005543
Protein Refseq	NP_005534
MIM	146738
UniProt ID	P51460

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SDS-PAGE	

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