

Recombinant Human INSL3 protein, His-tagged

Cat. No. INSL3-3601H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INSL3 protein(17-131 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	17-131 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LVFALGPAPTPEMREKLCGHHFVRALVRVCGGPRWSTEARRPAAGGDRELLQWLE RRHLLHGLVADSNLTGPGQLPQTSHHHRHHRAAATNPARYCCLSGCTQQDLLT LCPY
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	INSL3 insulin-like 3 (Leydig cell) [Homo sapiens]
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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