

Recombinant Human INSL3 293 Cell Lysate

Cat. No. INSL3-5191HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for insulin-like 3 (Leydig cell) (INSL3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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](#)

Chromosome Location [19p13.2-p12](#)

Pathway [Class A/1 \(Rhodopsin-like receptors\), organism-specific biosystem](#); [Cytokine Signaling in Immune system, organism-specific biosystem](#); [G alpha \(s\) signalling events, organism-specific biosystem](#); [GPCR downstream signaling, organism-specific biosystem](#); [GPCR ligand binding, organism-specific biosystem](#); [Immune System, organism-specific biosystem](#); [Interleukin receptor SHC signaling, organism-specific biosystem](#);

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Function

G-protein coupled receptor binding; hormone activity; insulin receptor binding; receptor binding;

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