

Human INS Stable Cell Line-E. coli

Cat. No. CSC-TP061 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	E.coli-Human Insulin Stable Cell Line(Insulin Lispro) is clonally-derived from a E.coli cell line, which has been transfected with an analogue of human insulin that has a lysine at residue B28 and proline at B29 to allow expression of a rapid-acting insulin analogue.
Species	Human
Source	E.coli
ProteinLength	32aa
Molecular Mass	60.6 Kda
Endotoxin	< 1.0 EU per µg of the protein
Purity	>98%
Notes	Growth Properties: Suspension; Morphology: Epithelial-like.
Storage	Can be stored at +4 centigrade short term (1-2weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoidrepeated freezing and thawing cycles.

GENE INFORMATION

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Gene Name	INS insulin [Homo sapiens]
Official Symbol	INS
Synonyms	INS; insulin; proinsulin; ILPR; IRDN; IDDM2; MODY10;
Gene ID	3630
mRNA Refseq	NM_000207
Protein Refseq	NP_000198
UniProt ID	P01308
Chromosome Location	11p15.5
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Amyloids, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Function	hormone activity; hormone activity; hormone activity; insulin receptor binding; insulin receptor binding; insulin-like growth factor receptor binding; protein binding;