

## Recombinant Full Length Human ISL2 Protein, GST-tagged

Cat. No. ISL2-5765HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ISL2 full-length ORF ( NP_665804.1, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	359 amino acids
<b>Description</b>	ISL2 (ISL LIM Homeobox 2) is a Protein Coding gene. Among its related pathways are Neural Stem Cell Differentiation Pathways and Lineage-specific Markers. GO annotations related to this gene include sequence-specific DNA binding. An important paralog of this gene is ISL1.
<b>Molecular Mass</b>	66.2 kDa
<b>AA Sequence</b>	MVDIIFHYPPFLGAMGDHSHKKKPGTAMCVGCGSQIHDQFILRVSPDLEWHAACLKCA ECSQYLDETCTCFVRDGTKTYCKRDYVRLFGIKCAKQCQVGFSSSDLVMRARDSVYHI ECFRCSVCSRQLLPGDEFSLREHELLCRADHGLLLERAAAGSPRSPGPLPGARGLH LPDAGSGRQPALRPHVHKQTEKTTRVRTVLNEKQLHTRLTCYAANPRPDALMKEQL VEMTGLSPRVIRVWFQNKRCCKDKKKSILMKQLQQQQHSDKTSLQGLTGTPLVAGSP IRHENAVQGSAAVEVQTYQPPWKALSEFALQSDLDQPAFQQLVSFSESGSLGNSSGS DVTSLSSQLPDTPNSMVPSPVET
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	ISL2 ISL LIM homeobox 2 [ Homo sapiens ]
<b>Official Symbol</b>	ISL2
<b>Synonyms</b>	ISL2; ISL LIM homeobox 2; ISL2 transcription factor, LIM/homeodomain, (islet 2); insulin gene enhancer protein ISL-2; FLJ10160; islet-2; ISL2 transcription factor, LIM/homeodomain, (islet-2);
<b>Gene ID</b>	64843
<b>mRNA Refseq</b>	NM_145805
<b>Protein Refseq</b>	NP_665804
<b>MIM</b>	609481
<b>UniProt ID</b>	Q96A47

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