

Recombinant Human GLIS3 Protein, GST-tagged

Cat. No. GLIS3-4964H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GLIS3 full-length ORF (ABZ92210.1, 1 a.a. - 774 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the GLI-similar zinc finger protein family and encodes a nuclear protein with five C2H2-type zinc finger domains. This protein functions as both a repressor and activator of transcription and is specifically involved in the development of pancreatic beta cells, the thyroid, eye, liver and kidney. Mutations in this gene have been associated with neonatal diabetes and congenital hypothyroidism (NDH). Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only two have been determined. [provided by RefSeq]
Molecular Mass	85.2 kDa
AA Sequence	MVQRLGLISPPASQVSTACNQISPSLQRAMNAANLNIPPSDTRSLISRESLASTTLLSL TESQSASSMKQEWSQGYRALPSLSNHGSQNGLDLGDLLSLPPGTSMSSNSVSNL PSYLFGTESHSHPYSPRHSSTRSHSARSKRALSLSPKSDGIGIDFNTIIRTSPTSLV AYINGSRASPANLSPQPEVYGHFLGVRGSCIPQPRPVPGSQKGVLVAPGGLALPAY GEDGALEHERMQQLEHGGLQPGLVNHMVVQHGLPGPDSQPAGLFKTERLEEFPG STVDLPPAPPLPPLPPPQGPPPPYHAHAHLHHPGLGPHAQQLALPQATLDDDGEMD

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GIGGKHCYRWIDCSALYDQQEELVRHIEKVHIDQRKGEDFTCFWAGCPRRYKPFNA
 RYKLLIHM RVHSGEKPNKCTFEGCEKAFSRLLENLKIHLRSHTGEKPYLCQHGPCQKA
 FSNSSDRAKHQRTHLDTKPYACQIPGCTKRYTDPSSLRKHVKAHSSKEQQARKKLR
 SSTEVHPDLLTDCLTVQSLQPATSPRDAAAEGTVGRSPGPGPDLYSAPIFSSNYSSR
 SGTAAGAVPPPHPVSHPSPGHNVQGSPHNPSSQLPPLTAVDAGAERFAPSAPSPH
 HISPRRVPAPSSILQRTQPPYTQQPSGSHLKSYPETNSSFQPNGIHVHGFGQLQ
 KFCPPHYPPDSQRIVPPVSSCSVVPSEFEDCLVPTSMGQASFDVFHRAFSTHSGITVYD
 LPSSSSSLFGESLRSGAEDATFLQISTVDRCPSSLSSVYTEG

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GLIS3 GLIS family zinc finger 3 [Homo sapiens]

Official Symbol

GLIS3

Synonyms

GLIS3; GLIS family zinc finger 3; zinc finger protein 515, ZNF515; zinc finger protein
 GLIS3; MGC33662; OK/KNS-cl.4; GLI-similar 3; zinc finger protein 515; ZNF515;
 FLJ38999; FLJ90578;

Gene ID

169792

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mRNA Refseq	NM_001042413
Protein Refseq	NP_001035878
MIM	610192
UniProt ID	Q8NEA6

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