

Recombinant Human GLIS1 protein, arginine-tagged

Cat. No. GLIS1-115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Glis1 fused with 11 arginine domain at C-terminal, which efficiently delivery protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	AEARTSLSAHCRGPLATGLHPDLDPGRSLATPAPSCYLLGSEPSSGLGLQPETHLP EGSLKRCCVLGLPPTSPA SSSPCASSDVTSIIRSSQTS�VTCVNGLRSPPLTGDLLG PSKRARPGPASTDSHEGSLQLEACRKASFLKQEPAD EFSELFGPHQQGLPPPYPL SQLPPGPSLGGLGLGLAGRVVAGRQACRWVDCCAAYEQQEELVRHIEKSHIDQRK G EDFTCFWAGCVRRYKPFNARYKLLIHMRVHSGEKPKNKCMFEGCSKAFSRLENLKI HLRSHTEKPYLCQHPCQK AFSNSSDRAKHQRTHLDTKPYACQIPGCSKRYTDP SSLRKHVKAHSAKEQQVRKKLHAGPDTEADVLTECLVLQQ LHTSTQLAASDGKGG CGLGQELLPGVYPGSITPHNGLASGLLPAPHDVPSRHHPLDATTSSHHHLSPLPMA ESTR DGLGPGLLSPIVSPLKGLGPPPLPPSSQSHSPGGQPFPTLPSKPSYPPFQSP PPPPLPSPQGYQGSFHSIQSCFP YGDCYRMAEPAAGGDGLVGETHGFFNPLRPNG YHSLSTPLPATGYEALAEASCPTALPQQPSEDVVSSGPEDCGFF PNGAFDHCLGHI PSYTDLTLEESGGGGSPGRRRRRRRRRRR
Purity	>90% by SDS-PAGE

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Applications

1. Protein transduction for in vitro somatic cell reprogramming study.2. Active recombinant protein, may be used for DNA / protein binding assay.3. As specific protein substrate for MAP kinase assay.4. As immunogen for specific antibody production.

Storage

Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name GLIS1 GLIS family zinc finger 1 [Homo sapiens]

Official Symbol GLIS1

Synonyms GLIS1; GLIS family zinc finger 1; zinc finger protein GLIS1; FLJ36155; GLI-similar 1;

Gene ID 148979

mRNA Refseq NM_147193

Protein Refseq NP_671726

MIM 610378

UniProt ID Q8NBF1

Chromosome Location 1p32.3

Function DNA binding; metal ion binding; zinc ion binding;

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