



Recombinant Human Zinc finger protein GLIS3 (GLIS3)

Product Code	CSB-EP839863HU
Abbreviation	GLIS3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8NEA6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MMVQRLGLIS PPASQVSTAC NQISPSLQRA MNAANLNIPP SDTRSLISRE SLASTTLSLT ESQSASSMKQ EWSQGYRALP SLSNHGSQNG LDLGDLLSLP PGTSMSSNSV SNSLPSYLFQ TESSHSPYPS PRHSSTRSHS ARSKKRALS SPLSDGIGID FNTIIRTSTP SLVAYINGSR ASPANLSPQP EVYGHFLGVR GSCIPQRPV PGSQKGVLA PGGLALPAYG EDGALEHERM QQLEHGGLQP GLVNHMVVQH GLPGPDSQSA GLFKTERLEE FPGSTVDLPP APPLPPLPPP PGPPPPYHAH AHLHHPGLP HAQQLALPQA TLDDDGEMDG IGGKHCCRWI DCSALYDQQE ELVRHIEKVH IDQRKGEDFT CFWAGCPRRY KPFNARYKLL IHMRVHSGEK PNKCTFEGCE KAFSRLLENLK IHLRSHTGEK PYLCQHPGCQ KAFSNSSDRA KHQRTHLDTK PYACQIPGCT KRYTDPSSLR KHVKAHSSKE QQARKKLRSS TELHPDLLTD CLTVQSLQPA TSPRDAAAEG TVGRSPGPGP DLYSAPIFSS NYSSRSGTAA GAVPPHPVVS HPSPGHNVQG SPHNPSSQLP PLTAVDAGAE RFAPSAPSPH HISPRRVPAP SSILQRTQPP YTQQPSGSHL KSYQPETNSS FQPNGIHVHG FYGQLQKFCP PHYPSQRIV PPVSSCSVVP SFEDCLVPTS MGQASFDVFH RAFSTHSGIT VYDLPSSSSS LFGESLRSGA EDATFLQIST VDRCPSSLSS VYTEG
Source	E.coli
Target Names	GLIS3
Protein Names	Recommended name: Zinc finger protein GLIS3 Alternative name(s): GLI-similar 3 Zinc finger protein 515
Expression Region	1-775
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.