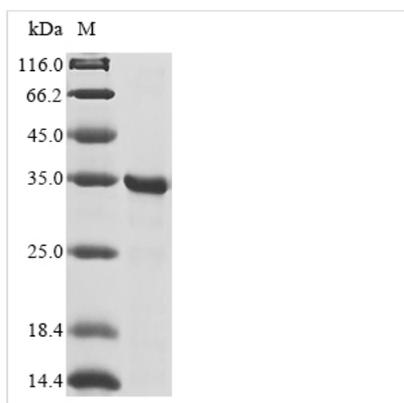




Recombinant Human Egl nine homolog 1 (EGLN1), partial

Product Code	CSB-EP863932HU1b1
Abbreviation	Recombinant Human EGLN1 protein, partial
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.	Q9GZT9
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GGLRPNGQTKPLPALKLALAYIVPCMNKHGICVDDFLGKETGQQIGDEVRL HDTGKFTDGGQLVSQKSDSSKDIRGDKITWIEGKEPGCETIGLLMSSMDDLIRHC NGKLGSYKINGRTKAMVACYPGNGTGYYVRHVDNPNNGDGRVCVTCIYYLNKDW DAKVSGGILRIFPEGKAQFADIEPKFDRLFFWSDRRNPHEVQPAYATRYAITV WYFDADERARAKVKYLTGEKGVVELNKPSDSVKGKDVF
Research Area	Cancer
Source	E.coli
Target Names	EGLN1
Expression Region	177-426aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	35.3 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Synthesizing the recombinant Human EGLN1 protein generally involves integrating the DNA fragment that encodes the Human EGLN1 protein (177-426aa) into a plasmid, introducing the recombinant plasmid into e.coli cells, followed by the selection and culturing of positive e.coli cells, induction of protein expression, and subsequent cell lysis. A N-terminal 10xHis tag and C-terminal Myc tag is fused to the protein. The protein is purified through affinity purification, and SDS-PAGE analysis is conducted to confirm the presence of the protein and determine its purity. The protein's purity surpasses 85%.

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.