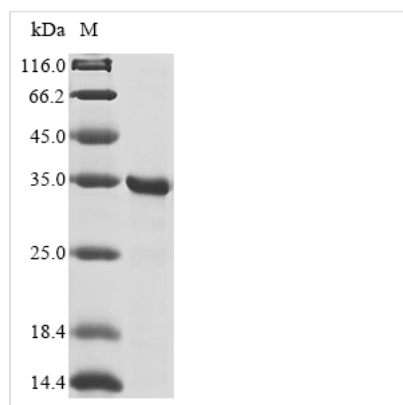




# Recombinant Human Egl nine homolog 1 (EGLN1), partial

<b>Product Code</b>	CSB-EP863932HU1b1
<b>Abbreviation</b>	Recombinant Human EGLN1 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9GZT9
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	GGLRPNGQTKPLPALKLALEYIVPCMNKHGICVVDDFLGKETGQQIGDEVRL HDTGKFTDGGQLVSQKSDSSKDIRGDKITWIEGKEPGCETIGLLMSSMDDLIRHC NGKLGSYKINGRTKAMVACYPGNGTGYVRHVDNPNNGDGRCVTCIYYLNKDW DAKVSGGILRIFPEGKAQFADIEPKFDRLFFWSDRRNPHEVQPAYATRYAITV WYFDADERARAKVKYLTGEKGVRVELNKPSSVSGKDVF
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli
<b>Target Names</b>	EGLN1
<b>Expression Region</b>	177-426aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	35.3 kDa
<b>Protein Length</b>	Partial

## Image



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



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## 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%.

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## Shelf Life

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