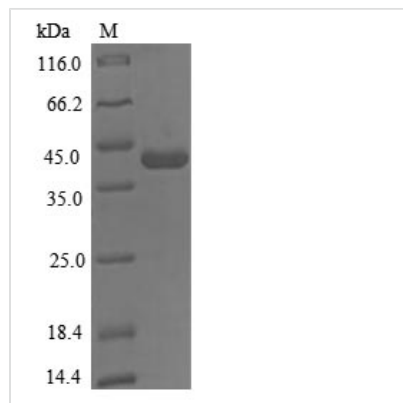




Recombinant Human SH3 domain-containing YSC84-like protein 1 (SH3YL1)

Product Code	CSB-EP853429HU
Abbreviation	Recombinant Human SH3YL1 protein
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.	Q96HL8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MNNPIPSNLKSEAKKAAILREFTEITSRNGPDKIIPAHVIAKAKGLAILSVIKAGF LVTARGGSGIVVARLPDGKWSAPSAIGIAGLGGGFEIGIEVSDLVIILNYDRAVE AFAGGNLTLGGNLTVAVGPLGRNLEGNVALRSSAAVFTYCKSRGLFAGVSLE GSCLIERKETNRKFYCQDIRAYDILFGDTPRPAQAEDLYEILDSFTEKYENEGQ RINARKAAREQRKSSAKELPPKPLSRPQQSSAPVQLNSGSQSNRNEYKLYPG LSSYHERVGNLNQPIEVTALYSFEGQQPGDLNFQAGDRITVISKTDSHFDWWE GKLRGQTGIFPANYVTMN
Research Area	Cell Biology
Source	E.coli
Target Names	SH3YL1
Protein Names	Recommended name: SH3 domain-containing YSC84-like protein 1
Expression Region	1-342aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.1 kDa
Protein Length	Full Length
Image	



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

Description

The recombinant Human SH3YL1 was expressed with the amino acid range of 1-342. The calculated molecular weight for this SH3YL1 protein is 41.1 kDa. The SH3YL1 protein was expressed in e.coli. The N-terminal 6xHis tag was fused into the coding gene segment of SH3YL1, making it easier to detect and purify the SH3YL1 recombinant protein in the later stages of expression and purification.

Human SH3 domain-containing YSC84-like protein 1 (SH3YL1) functions as a crucial mediator in cellular signaling, primarily regulating cell growth and differentiation. SH3YL1 is involved in modulating intracellular communication, influencing various cellular processes essential for maintaining proper cell function. Its significance extends to diverse research areas, including cancer, where it may serve as a potential biomarker or therapeutic target, and neurodegenerative disorders, where its role in neuronal function is explored. In regenerative medicine, SH3YL1's involvement in tissue regeneration and wound healing processes is investigated. Furthermore, in drug development, SH3YL1 modulation could be explored for identifying novel drug candidates.

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.