





## Recombinant Human Eukaryotic translation initiation factor 4 gamma 1 (EIF4G1), partial

Product Code         CSB-EP007568HU           Relevance         Component of the protein complex elF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5-terminal secondary structure and recruitment of mRNA to the ribosome.           Abbreviation         Recombinant Human ElF4G1 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.         Q04637           Alias         p220           Product Type         Recombinant Protein           Immunogen Species         Homo sapiens (Human)           Purity         Greater than 90% as determined by SDS-PAGE.           Sequence         IEFYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSAIAREHMGQLLHQ LLCAGHLSTAQYYQGLYEILELAEDMEIDIPHVWLYLAELVTPILQEGGVPMGEL FREITKPLRPLGKAASLLLEILGLLCKSMGPKKYGTTLWREAGLSWKEFLPEGQD IGAFVAEQKVEYTLGEESEAPGQRALPSEELNRQLEKLLKEGSSNQRVFDWIE ANLAGAGNUSHTURALMTAVCYSAIIFETPLAVDVAVLKARAKLLQKYLCDEQK ELQALYALQALVATLQALVATLGAPPNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQ QGKGVALKSVTAFFKWLREAEEESDHN           Research Area         Immunology           Source         E.coli           Target Names         EIF4G1           Expression Region         1250-1599aa           Notes         Repeated freezing and thawing is not recommended. Store working aliquots at 4		
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Image	Protein Length	Partial
	Image	

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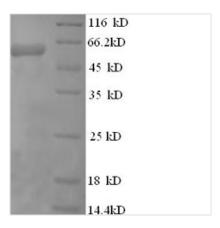


## **CUSABIO TECHNOLOGY LLC**

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

## 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.