Recombinant Human Eukaryotic translation initiation factor 3 subunit D (EIF3D)

Product Code	CSB-YP007533HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15371
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAKFMTPVIQ DNPSGWGPCA VPEQFRDMPY QPFSKGDRLG KVADWTGATY QDKRYTNKYS SQFGGGSQYA YFHEEDESSF QLVDTARTQK TAYQRNRMRF AQRNLRRDKD RRNMLQFNLQ ILPKSAKQKE RERIRLQKKF QKQFGVRQKW DQKSQKPRDS SVEVRSDWEV KEEMDFPQLM KMRYLEVSEP QDIECCGALE YYDKAFDRIT TRSEKPLRSI KRIFHTVTTT DDPVIRKLAK TQGNVFATDA ILATLMSCTR SVYSWDIVVQ RVGSKLFFDK RDNSDFDLLT VSETANEPPQ DEGNSFNSPR NLAMEATYIN HNFSQQCLRM GKERYNFPNP NPFVEDDMDK NEIASVAYRY RRWKLGDDID LIVRCEHDGV MTGANGEVSF INIKTLNEWD SRHCNGVDWR QKLDSQRGAV IATELKNNSY KLARWTCCAL LAGSEYLKLG YVSRYHVKDS SRHVILGTQQ FKPNEFASQI NLSVENAWGI LRCVIDICMK LEEGKYLILK DPNKQVIRVY SLPDGTFSSD EDEEEEEEEE EEEEEEET
Source	Yeast
Target Names	EIF3D
Protein Names	Recommended name: Eukaryotic translation initiation factor 3 subunit D Short name= eIF3d Alternative name(s): Eukaryotic translation initiation factor 3 subunit 7 eIF-3-zeta eIF3 p66
Expression Region	1-548
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	Eukaryotic translation initiation factor-3 (eIF3), the largest of the eIFs, is a multiprotein complex composed of at least ten nonidentical subunits. The complex binds to the 40S ribosome and helps maintain the 40S and 60S ribosomal subunits in a dissociated state. It is also thought to play a role in the formation of the 40S initiation complex by interacting with the ternary complex of eIF2/GTP/methionyl-tRNA, and by promoting mRNA binding. This protein is the major RNA binding subunit of the eIF3 complex.
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.