Recombinant Human Eukaryotic translation initiation factor 6 (EIF6)

Product Code	CSB-EP007582HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56537
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAVRASFENN CEIGCFAKLT NTYCLVAIGG SENFYSVFEG ELSDTIPVVH ASIAGCRIIG RMCVGNRHGL LVPNNTTDQE LQHIRNSLPD TVQIRRVEER LSALGNVTTC NDYVALVHPD LDRETEEILA DVLKVEVFRQ TVADQVLVGS YCVFSNQGGL VHPKTSIEDQ DELSSLLQVP LVAGTVNRGS EVIAAGMVVN DWCAFCGLDT TSTELSVVES VFKLNEAQPS TIATSMRDSL IDSLT
Source	E.coli
Target Names	EIF6
Protein Names	Recommended name: Eukaryotic translation initiation factor 6 Short name= eIF-6 Alternative name(s): B(2)GCN homolog B4 integrin interactor CAB p27(BBP)
Expression Region	1-245
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	Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. This protein binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits. Multiple transcript variants encoding two different isoforms have been found for this gene.
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.