Recombinant Human Transcription factor E2F6 (E2F6)

Product Code	CSB-EP007347HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75461
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSQQRPARKL PSLLLDPTEE TVRRRCRDPI NVEGLLPSKI RINLEDNVQY VSMRKALKVK RPRFDVSLVY LTRKFMDLVR SAPGGILDLN KVATKLGVRK RRVYDITNVL DGIDLVEKKS KNHIRWIGSD LSNFGAVPQQ KKLQEELSDL SAMEDALDEL IKDCAQQLFE LTDDKENERL AYVTYQDIHS IQAFHEQIVI AVKAPAETRL DVPAPREDSI TVHIRSTNGP IDVYLCEVEQ GQTSNKRSEG VGTSSSESTH PEGPEEEENP QQSEELLEVS N
Source	E.coli
Target Names	E2F6
Protein Names	Recommended name: Transcription factor E2F6 Short name= E2F-6
Expression Region	1-281
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	This gene encodes a member of the E2F transcription factor protein family. E2F family members play a crucial role in control of the cell cycle and of the action of tumor suppressor proteins. They are also a target of the transforming proteins of small DNA tumor viruses. Many E2F proteins contain several evolutionarily conserved domains: a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. The encoded protein of this gene is atypical because it lacks the transactivation and tumor suppressor protein association domains. It contains a modular suppression domain and is an inhibitor of E2F-dependent transcription. The protein is part of a multimeric protein complex that contains a histone methyltransferase and the transcription factors Mga and Max. Multiple transcript variants have been reported for this gene, but it has not been clearly demonstrated that they encode valid isoforms.
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.