Recombinant Mouse Transcription factor E2F5 (E2f5)

Product Code	CSB-EP713976MO
Abbreviation	E2f5
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.	Q61502
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MAAAEPTSSA QPTPQAQAQP PPHGAPSSQP SAALAGGSSR HEKSLGLLTT KFVSLLQEAQ DGVLDLKAAA DTLAVRQKRR IYDITNVLEG IDLIEKKSKN SIQWKGVGAG CNTKEVIDRL RCLKAEIEDL ELKERELDQQ KLWLQQSIKN VMEDSINNRF SYVTHEDICN CFHGDTLLAI QAPSGTQLEV PIPEMGQNGQ KKYQINLKSH SGPIHVLLIN KESSSSKPVV FPVPPPDDLT QPSSQSSTSV TPQKSTMAAQ NLPEQHVSER SQTFQQTPAA EVSSGSISGD IIDELMSSDV FPLLRLSPTP ADDYNFNLDD NEGVCDLFDV QILNY
Source	E.coli
Target Names	E2f5
Protein Names	Recommended name: Transcription factor E2F5 Short name= E2F-5
Expression Region	1-335
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 protein is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionarily conserved domains that are present in most members of the family. These domains include 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. This protein is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107,

	but not with pRB. Alternative splicing results in multiple variants encoding different 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.