



Recombinant Mouse Transcription factor E2F4 (E2f4)

Product Code	CSB-BP848090MO
Abbreviation	E2f4
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.	Q8R0K9
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	AEAGPQAPP PPGTPSRHEK SLGLLTTKFV SLLQEAKDGV LDLKLAADTL AVRQKRRIYD ITNVLEGIGL IEKKSNSIQ WKGVGP GCNT REIADKLIEL KAEIEELQQR EQELDQHKVW VQQSIRNVTE DVQNSCLAYV THEDICRCFA GDTLLAIRAP SGTSLEVPIPI EGLNGQKKYQ IHLKSMGPI EVLLVNKEAW SSPPVAVPVP PPDDLQSP AVSTPPPLPK PALAQPESS PPSSPQLTTP TPVLGSTQVS EVACQTSEIA VSGSPGTENK DSGEVSSLPL GLTALDTRPL QSSALLDSSSSSSSSSSSSSSSSSSGPNPST SFEPKADPT GVLDPKELS EIFDPTRECM SSELLEELMS SEVFAPLLRL SPPPGDHDYI YNLDESEGVC DLFDVPVLKL
Source	Baculovirus
Target Names	E2f4
Protein Names	Recommended name: Transcription factor E2F4 Short name= E2F-4
Expression Region	2-410
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 of Mature 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 evolutionally conserved domains found 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 binds to all three of the tumor suppressor proteins pRB, p107 and p130,



but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated genes, and its gene mutation and increased expression may be associated with human cancer.

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

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