

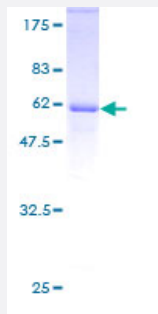
Full-Length

E2F6 (Human) Recombinant Protein (P01)

Catalog # H00001876-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human E2F6 full-length ORF (AAH08348, 1 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSQQRPAKLPKSLLLDPTEETVRRRCRDPINVEGLLPKIRINLEDNVQYVSMRKALKVKRPRFDV
SLVYLTRKFMDLVRAPGGILDNLNKVATKLGVRKRRVYDITNVLDGIDLVEKKSKNHIRWIGSDLSN
FGAVPQQKKLQEELSDLSAMEDALDELIKDCAQQLFELTDDKENERLAYVTYQDIHSIQAFHEQVI
AVKAPAEATRLDVPAPREDSITVHIRSTNGPIDVYLCEVEQGQTSNKRSEGVTSSSESTHPEGPE
EEENPQQSEELLEVS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.65

Interspecies Antigen Sequence

Mouse (87); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — E2F6

Entrez GeneID[1876](#)**GeneBank Accession#**[BC008348](#)**Protein Accession#**[AAH08348](#)**Gene Name**

E2F6

Gene Alias

E2F-6, MGC111545

Gene Description

E2F transcription factor 6

Omim ID[602944](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

E2F transcription factor 6, isoform 1

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)