

# Recombinant Full Length Human E2F2 Protein, GST-tagged

Cat. No. E2F2-4111HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human E2F2 full-length ORF ( AAH07609, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	83 amino acids
<b>Description</b>	<p>The protein encoded by this gene 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 and another 2 members, E2F1 and E2F3, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner, and it exhibits overall 46% amino acid identity to E2F1. [provided by RefSeq, Jul 2008]</p>
<b>Molecular Mass</b>	34.87 kDa
<b>AA Sequence</b>	MESRSVAQAGVQWPDGLGSLQLPPRFKRFFCLSLQSSWDYRHAPPRPANFVFLVE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TGFCHVSQAGLELLTSSDPPPRPPKVL

**Applications**

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

**Notes**

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

**Storage**

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

**Storage Buffer**

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

**GENE INFORMATION**

**Gene Name**

E2F2 E2F transcription factor 2 [ Homo sapiens ]

**Official Symbol**

E2F2

**Synonyms**

E2F2; E2F transcription factor 2; transcription factor E2F2; E2F 2; E2F-2;

**Gene ID**

1870

**mRNA Refseq**

NM\_004091

**Protein Refseq**


NP\_004082

**MIM**

600426

**UniProt ID**

Q14209

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA