

Recombinant Full Length Human E2F2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human E2F2 full-length ORF (AAH07609, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	83 amino acids
Description	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]
Molecular Mass	34.87 kDa
AA Sequence	MESRSVAQAGVQWPDLGSLQPLPPRFKRFFCLSLQSSWDYRHAPPRPANFVFLVE

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TGFCHVSQAGLELLTSSDPPPRPPKVLR

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

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