

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	MESRSVAQAGVQWPD LGSLQPLPPRFKRFFCLSLQSSWDYRHAPPRPANFVFLVE

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	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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