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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

E2F1 (Human) Recombinant Protein (Q01)

Catalog Number: H00001869-Q01

Regulation Status: For research use only (RUO)

Product Description: Human E2F1 partial ORF (NP_005216.1, 348 a.a. - 437 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
QSLLSLEQEPLLSRMGSLRAPVDEDRLSPLVAADSLLE HVREDFSGLLPEEFISLSPPHEALDYHFGLEEGEGIRD LFDCDFGDLTPLDF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.64

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 1869

Gene Symbol: E2F1

Gene Alias: E2F-1, RBAP1, RBBP3, RBP3

Gene Summary: 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, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent/independent apoptosis. [provided by RefSeq]