Recombinant Human E2F3 Protein, GST-tagged

Cat. No. E2F3-3006H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human E2F3 full-length ORF (AAH16847, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle. Altered copy number and activity of this gene have been observed in a number of human cancers. There are pseudogenes for this gene on chromosomes 2 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]
Molecular Mass	40.37 kDa
AA Sequence	MQSGGGVKTDDTSTLNSLCGYAWVYVWEEKQRCRLSSFFSSSASIPGLLPSHTLDL VQNVGVVLDEALGWGRERELCVKCLLEMHCGVFSCMGNHLCQAFPHFPYLSHLVS CLCFQLCVILFASCTKLIFSKV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

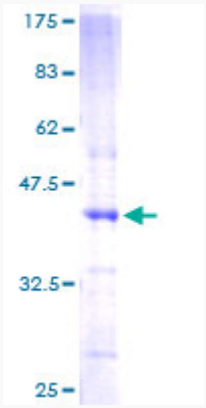
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	E2F3 E2F transcription factor 3 [Homo sapiens]
Official Symbol	E2F3
Synonyms	E2F3; E2F transcription factor 3; transcription factor E2F3; E2F-3; KIAA0075; MGC104598; DKFZp686C18211;
Gene ID	1871
mRNA Refseq	NM_001243076
Protein Refseq	NP_001230005
MIM	600427
UniProt ID	O00716

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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