

## Drosophila Rbf1 Recombinant Protein

PX-P1145-10

### DESCRIPTION

The retinoblastoma protein (pRb) is a tumor suppressor protein that is dysfunctional in a lot of cancers. Retinoblastoma family protein (Rbf) from *Drosophila melanogaster* (Fruit fly) plays an important role in cell cycle regulation. It is also a component of the DREAM complex, a multi-protein complex that can act as a transcription activator or repressor. In follicle cells, the complex may have a main role in the site-specific DNA replication at the chorion loci. During development, the complex represses transcription of developmentally controlled E2F target genes.

### OVERVIEW

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<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Drosophila
<b>FRAGMENT</b>	Partial (Cter)
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	94,87 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### PRODUCT INFORMATION

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<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	0,8
<b>PROTEIN ACCESSION</b>	NP_525036.2
<b>FORM</b>	liquid
<b>BUFFER</b>	TrisHC 50mMl, 10mM glutathione reduced pH8
<b>STABILITY &amp; STORAGE</b>	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

## MORE INFO

<b>GENE ID</b>	31027
<b>SWISSPROTID</b>	Q24472
<b>UNIPROT ID</b>	Q24472
<b>UNIPROT LINK</b>	<a href="http://www.uniprot.org/uniprot/Q24472">http://www.uniprot.org/uniprot/Q24472</a>
<b>NCBI GENE ALIASES</b>	RBF1, Rbf1, rb, pRb, rbf, dRBF, RB, Rb1, Dmel\CG7413, EG:34F3.3, Rb, RBF, RbF, rbf1, CG7413, FBF
<b>SYNONYMS</b>	Rbf1, Retinoblastoma-family protein, CG7413, rb, pRb, rbf, dRBF, RB, Rb1, Dmel\CG7413, EG:34F3.3, Rb, RBF, RbF, rbf1, CG7413, FBF

## PROTEIN SEQUENCE

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MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLRYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIRYIADKHN  
MLGGCPKERAISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALD  
VVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGQWQATFGGGDHPPKSDLEVLFGQPLGSTELDFRHN  
HCILSNFCDMTE

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