

## Chilli Ca\_eIF4E1 Recombinant Protein

PX-P1077-10

### DESCRIPTION

eIF4E1 Recombinant Protein from *Capsicum annuum* (Bell pepper) is a central element of the initiation complex of mRNA translation in eukaryotes. The eIF4E gene is coexpressed with the Tobacco etch virus (TEV) genome, it exerts a positive effect on viral amplification.

### OVERVIEW

---

<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Chilli
<b>FRAGMENT</b>	Full
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	28,15 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### PRODUCT INFORMATION

---

<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	≥90%
<b>PROTEIN ACCESSION</b>	AAN74644.1
<b>FORM</b>	liquid
<b>BUFFER</b>	PBS1x, Urea 8M
<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

### GENE ID

### SWISSPROTID

Q8GSF9

### UNIPROT ID

Q8GSF9

### UNIPROT LINK

<http://www.uniprot.org/uniprot/Q8GSF9>

### NCBI GENE ALIASES

### SYNONYMS

Ca\_eIF4E1, eucaryotic initiation factor 4E, Eukaryotic translation initiation factor 4E

## PROTEIN SEQUENCE

---

MGSSHHHHHSSGLVPRGSHMMATAEMEKTTTFDEAEKVKLNANEADDEVEEGEIVEETDDTTSYLSKEIATKHPLEHSW  
TFWFDNPVAKSKQAAWGSSLRNVYTFSTVEDFWGAYNNIHPSKLVVGADLHCFKHKIEPKWEDPVCANGGTWKMSFSKG  
KSDTSWLYTLLAMIGHQFDHEDEICGAVVSVRGKGEKISLWTKNAANETAQVSIGKQWKQFLDYSDSVGFIFHDDAKRLD  
RNAKNRYTV

**For research use only.**