

## Human eIF4G Recombinant Protein

PX-P2069-10

### DESCRIPTION

Eukaryotic translation initiation factor 4 gamma, 1 (EIF4G1) is a part of the multi-subunit protein complex EIF4F. This complex is involved in the recruitment of the mRNA to the ribosome, the recognition of the mRNA cap, and ATP-dependent unwinding of 5'-terminal secondary structure.

### OVERVIEW

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<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Human
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	23.49kDa
<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>	≥95%
<b>PROTEIN ACCESSION</b>	EAW78268.1
<b>FORM</b>	liquid
<b>BUFFER</b>	PBS, imidazole 200mM + 50% glycérol
<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)



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## MORE INFO

**GENE ID**

**SWISSPROTID**

**UNIPROT ID**

**UNIPROT LINK**

**NCBI GENE ALIASES**

**SYNONYMS** EIF-4G1, EIF4F, EIF4G, EIF4GI, P220, PARK18

## PROTEIN SEQUENCE

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MGSHHHHHHSGMSDKIIHLTDDSFDTDLKADGAILVDFWAEWCGPCKMIAPILDEIADEYQGKLTVAKLNIDQNPGTAPKYGIRGIPTLLLFKNGEVAATKVGA  
LSKGQLKEFLDANLAESESGVPPRPEEADETWDSKEDIHNAENIQPGEQKYEYKSDQWKPLNLEEKRYDREFLLGFIFASMQKPEGLPHISDVVLDKANK

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