

Recombinant Full Length Human EIF3E Protein

Cat. No. EIF3E-143HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human eIF3e with N terminal proprietary tag; Predicted MWt 75.02 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	445 amino acids
Description	eIF3e is part of the eIF3 complex, which is composed of at least 12 subunits. It binds the 40S ribosome and promotes the binding of methionyl-tRNA _i and mRNA. It can bind the COP9 signalosome and the 26S proteasome, possibly having regulatory functions in both protein translation and degradation. Reducing its expression by RNA interference in HeLa cells markedly alters mitosis progression and defects in spindle formation, chromosome segregation and cytokinesis are observed.
Form	Liquid
Molecular Mass	75.020kDa inclusive of tags
AA Sequence	MAEYDLTTRIAHFLDRHLVFPILLEFLSVKEIYNEKELLQG KDLLSDTNMVDFAFDVY KNLYSDDIPHALREKRTTVVAQ LKQLQAETEPVKMFEDPETTRQMQSTRDGRMLF DYLADK HGFRQEYLDTLRYAKFQYECGNYSGAAEYLYFFRVLVPA TDRNALSSL WGKLASEILMQNWDAAEDLTRLKETIDNNS VSSPLQSLQQRTWLIHWSLFVFFNH PKGRDNIIDFLYQP QYLNAIQTMCPHILRYLTAVITNKDVRKRRQVLKDLVKV IQQ

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ESYTYKDPITEFVECLYVNFDFDGAQKKLRECESVLV NDFFLVACLEDFIENARLFIF
ETFCRIHQCSINMLADKL NMTPEEAERWIVNLIRNARLDAKIDSKLGHVVMGNNAVS
P YQQVIEKTKSLSFRSQMLAMNIEKKLNQNSRSEAPNWATQ DSGFY

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name EIF3E eukaryotic translation initiation factor 3, subunit E [Homo sapiens]

Official Symbol EIF3E

Synonyms EIF3E; eukaryotic translation initiation factor 3, subunit E; EIF3S6, eukaryotic translation initiation factor 3, subunit 6 48kDa , INT6; eukaryotic translation initiation factor 3 subunit E; eIF3 p48; eIF3e

Gene ID 3646

mRNA Refseq NM_001568

Protein Refseq NP_001559

MIM 602210

UniProt ID P60228

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