

## Product datasheet for **TP311140L**

### **EGR3 (NM\_004430) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human early growth response 3 (EGR3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211140 representing NM_004430 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSAIPLNLFSGSSDSVWHYNQMATENVMDIGLTNEKPNPELSY  
SGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVPPASGALSTQTSTASMVQPPQGDVEAM  
YPALPPYSNCGDLYSEPVSFHDPQGNPGLAYSPQDYQSAPALDSNLFPMIPDYNLYHHPNDMGSIPEHK  
PFQGMDFIRVNPPPITPLETIKAFKDKQIHPGFGSLPQPPLTLKPIRPRKYPNRPSTPLHERPHACPAE  
GCDRRFSRDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRKFARSDERKR  
HAKIHLKQKEKKAEEKGGAPSASSAPPVSLAPVVTCA

**SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	42.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_004421</a>
Locus ID:	1960



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UniProt ID: [Q06889](#)

RefSeq Size: 4342

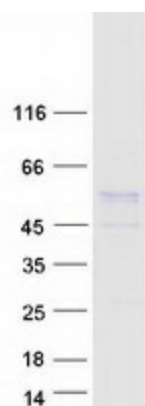
Cytogenetics: 8p21.3

RefSeq ORF: 1161

Synonyms: EGR-3; PILOT

**Summary:** This gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controlling biological rhythm. It may also play a role in a wide variety of processes including muscle development, lymphocyte development, endothelial cell growth and migration, and neuronal development. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2010]

### Product images:



Coomassie blue staining of purified EGR3 protein (Cat# [TP311140]). The protein was produced from HEK293T cells transfected with EGR3 cDNA clone (Cat# [RC211140]) using MegaTran 2.0 (Cat# [TT210002]).