

Product datasheet for **TP311140**

EGR3 (NM_004430) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human early growth response 3 (EGR3), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211140 representing NM_004430
Red=Cloning site **Green**=Tags(s)

MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSAIPLNLFSGSSDSVWHYNQMATENVMDIGLTNEKPNPELSY
SGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVPPASGALSTQTSTASMVQPPQGDVEAM
YPALPPYSNCGDLYSEPVSFHDPQGNPGLAYSPQDYQSAPALDSNLFPMIPDYNLYHHPNDMGSIPEHK
PFQGMDFIRVNPPIPTLETIKAFKDKQIHPGFGSLPQPPLTLKPIRPRKYPNRPSTPLHERPHACPAE
GCDRRFSRDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRKFARSDERKR
HAKIHLKQKEKKAEEKGAPSASSAPPVSLAPVVTCA

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: [NP_004421](#)

Locus ID: 1960



[View online »](#)

UniProt ID: [Q06889](#)

RefSeq Size: 4342

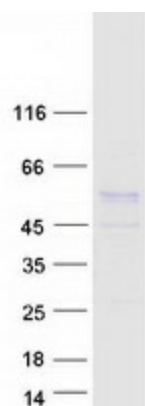
Cytogenetics: 8p21.3

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]).