

Product datasheet for PH311140

EGR3 (NM_004430) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EGR3 MS Standard C13 and N15-labeled recombinant protein (NP_004421)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211140
Predicted MW:	42.4 kDa
Protein Sequence:	>RC211140 representing NM_004430 Red=Cloning site Green=Tags(s)

MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSAIENLFSGSSDSVVHYNQMATENVMDIGLTNEKPNPELSY
SGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNIIISLMSAGILGVPPASGALSTQTSTASMVQPPQGDVEAM
YPALPPYSNCGDLYSEPVSFHDPQGNPGLAYSPQDYQSAKALDSNLFPMIPDYNLYHHPNDMGSIPCHK
PFQGMPIRVNPPPIPTLETIKAFKDKQIHPGFGSLPQPPLTLKPIRPRKYPNRPSTPLHERPHACPAE
GCDRRFRSDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTTGEKPFACEFCGRKFARSDERKR
HAKIHLKQKEKKAIEKGGAPSASSAPPVSLAPVVTCA

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004421</u>
RefSeq Size:	4342
RefSeq ORF:	1161
Synonyms:	EGR-3; PILOT
Locus ID:	1960



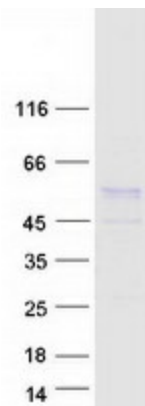
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UniProt ID: [Q06889](#)

Cytogenetics: 8p21.3

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]).