

Product datasheet for **TP720992M**

EGR1 (NM_001964) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human early growth response 1 (EGR1)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Gln282-Ser433
Tag:	N-His
Predicted MW:	19.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001955
Locus ID:	1958
UniProt ID:	P18146 , Q546S1
RefSeq Size:	3136
Cytogenetics:	5q31.2
RefSeq ORF:	1629
Synonyms:	AT225; G0S30; KROX-24; NGFI-A; TIS8; ZIF-268; ZNF225



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- Summary:** The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq, Dec 2014]
- Protein Families:** Druggable Genome
- Protein Pathways:** Prion diseases