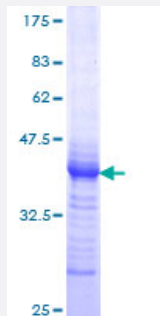


EGR1 (Human) Recombinant Protein (Q01)

Catalog # H00001958-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EGR1 partial ORF (NP_001955, 444 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SPVATSYSPVTTSTYSPATTSTYSPVPTSFSSPGSSSTYSPVHSGFPSPSVATTYSSVPPAFPAQVSSFPSSAVTNSFSASTGLSDMTATFSPRTIEIC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (87); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EGR1

Entrez GeneID [1958](#)

GeneBank Accession# [NM_001964](#)

Protein Accession# [NP_001955](#)

Gene Name EGR1

Gene Alias AT225, G0S30, KROX-24, NGFI-A, TIS8, ZIF-268, ZNF225

Gene Description early growth response 1

Omim ID [128990](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations early growth response protein 1|nerve growth factor-induced protein A|transcription factor ETR103|zinc finger protein 225

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Rhinitis](#)
- [Schizophrenia](#)