

Early Growth Response Protein 1 (EGR1) Recombinant Protein | EGR1 recombinant protein

Recombinant Early Growth Response Protein 1 (EGR1)

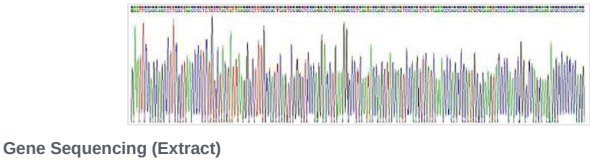
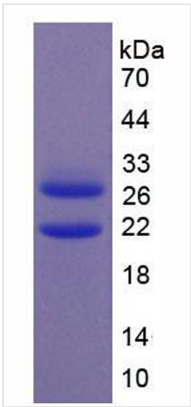
CATALOG # AAA20322	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Early Growth Response Protein 1 (EGR1); Recombinant Early Growth Response Protein 1 (EGR1); EGR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 450ug/mL (varies by lot)
Sequence	QGLNRTQQP SLTPLSTIKA FATQSGSQDL KALNTTYQSQ LIKPSRMRKY PNRPSKTPPH ERPYACPVES CDRRFSRSDE LTRHIRHTG QKPFQCRICM RNFSRSDHLT THIRHTGEK PFACDICGRK FARSDERKRH TKIHLRQKDK KADKSVVAS
Applicable Applications for EGR1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Gln273-Ser431
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	10.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681285
NCBI GeneID	13653
NCBI Accession #	NP_031939.1
NCBI GenBank Nucleotide #	NM_007913.5
UniProt Accession #	P08046; Q61777
Molecular Weight	Predicted Molecular Mass: 22.2kDa Accurate Molecular Mass: 22&27kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	early growth response protein 1
NCBI Official Synonym Full Names	early growth response 1
NCBI Official Symbol	Egr1
NCBI Official Synonym Symbols	egr; TIS8; Zenk; Egr-1; NGFIA; Zfp-6; ETR103; Krox-1; Krox24; NGF1-A; NGFI-A; Zif268; Krox-24; A530045N19Rik
NCBI Protein Information	early growth response protein 1; Krox-24 nuclear protein; transcription factor Zif268; zinc finger protein Krox-24; nerve growth factor-induced protein A
UniProt Protein Name	Early growth response protein 1
UniProt Gene Name	Egr1
UniProt Synonym Gene Names	Egr-1; Krox-24; EGR-1; NGFI-A
UniProt Entry Name	EGR1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/egr1-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20322>