Early Growth Response Protein 1 Recombinant Protein | EGR1 recombinant protein

Recombinant Early Growth Response Protein 1 (EGR1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144014	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

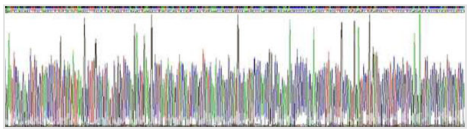
PRODUCT SYNONYMS

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

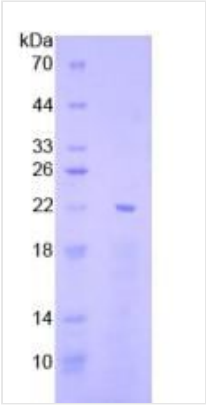
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	100mM NaHCO3, 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for EGR1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln282~Ser433
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	10.5
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

IMAGES



Application Data



SDS-PAGE

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                                QQPSLTPLS TIKAFATQSG
SQDLKALNTS YQSQLIKPSR MRKYPNRPSK TPPHERPYAC PVESCDRRFS
RSDELTRHIR IHTGQKPFQC RICMRNFSRS DHLTTHIRTH TGEKPFACDI
CGRKFARSDE RKRHTKIHLR QKDKKADKSV VAS
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503493
NCBI GeneID	1958
NCBI Accession #	NP_001955.1
NCBI GenBank Nucleotide #	NM_001964.2
Molecular Weight	Predicted Molecular Mass: 21.3kDa Accurate Molecular Mass: 22kDa 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	TIS8; AT225; G0S30; NGFI-A; ZNF225; KROX-24; ZIF-268
NCBI Protein Information	early growth response protein 1
UniProt Protein Name	Early growth response protein 1
UniProt Gene Name	**EGR1**
UniProt Synonym Gene Names	KROX24; ZNF225; EGR-1; NGFI-A
UniProt Entry Name	EGR1_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/egr1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144014