

Extracellular Signal Regulated Kinase 1 Recombinant Protein | ERK1 recombinant protein

Recombinant Extracellular Signal Regulated Kinase 1 (ERK1)

CATALOG # AAA144275	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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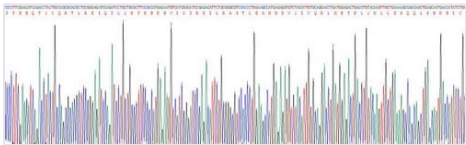
PRODUCT SYNONYMS

Extracellular Signal Regulated Kinase 1; Recombinant Extracellular Signal Regulated Kinase 1 (ERK1); ERK1 recombinant protein

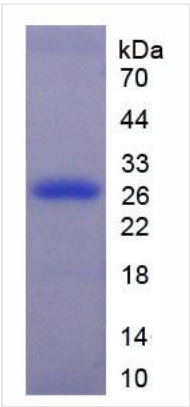
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	8.7 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-P FEHQTYCQRT LREIQILLRF RHENVIGIRD ILRASTLEAM RDYIVQDLM ETDLYKLLKS QQLSNDHICY FLYQILRGLK YIHSANVLHR DLKPSNLLIN TTCDLKICDF GLARIADPEH DHTGFLTEYV ATRWYRAPEI MLNSKGYTKS IDIWSVGCIL AEMLSNRPIF PGKHYLDQLN HILGILGSPS QEDLNCIINM KARNYLQSLP SKTKVAWAKL FPKSDSKALD LLDRMLT
Sequence Length	352
Applicable Applications for ERK1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	31.5kDa
Accurate Molecular Mass (KD)	28kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Pro75~Thr312
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the target protein. 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 of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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PFEHQT YCQRTLREIQ ILLRFHENV
IGIRDILRAS TLEAMRDVYI VQDLMETDLY KLLKSQQLSN DHICYFLYQI
LRGLKYIISA NVLHRDLKPS NLLINTTCDL KICDFGLARI ADPEHDHTGF
LTEYVATRWY RAPEIMLNSK GYTKSIDIWS VGCILAEMLS NRPIFGKHY
LDQLNHILGI LGSPSQEDLN CIINMKARNY LQSLPSKTKV AWAKLFPKSD
SKALDLLDRM LT

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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	754411133
NCBI GeneID	23465720
NCBI Accession #	XP_011274645.1
NCBI GenBank Nucleotide #	XM_011276343.1
NCBI Official Full Name	Extracellular signal-regulated kinase 1
NCBI Official Symbol	BN7_3010
NCBI Protein Information	Extracellular signal-regulated kinase 1

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/extracellular-signal-regulated-kinase-1-recombinant-protein-host-e-coli-br-source-prokaryotic-expression-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144275>