

Extracellular Signal Regulated Kinase 2 (ERK2) Recombinant Protein | ERK2 recombinant protein

Recombinant Extracellular Signal Regulated Kinase 2 (ERK2)

CATALOG # AAA151032	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

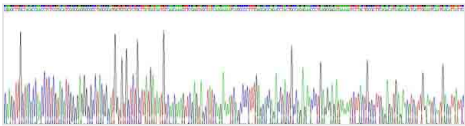
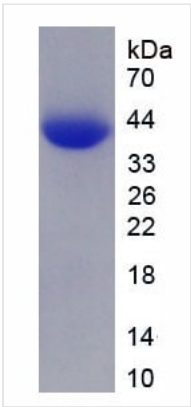
PRODUCT SYNONYMS

Extracellular Signal Regulated Kinase 2 (ERK2); Recombinant Extracellular Signal Regulated Kinase 2 (ERK2); ERK2/Extracellular Signal Regulated Kinase 2; MAPK1; P38; P40; ERK2; ERT1; MAPK2; P42MAPK; P42-MAPK; PRKM1; PRKM2; P41; P41mapk; P41-mapk; Mitogen-Activated Protein Kinase 1; Mitogen-activated protein kinase 2; ERK2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Tyr23~Ser3 58
Applicable Applications for ERK2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Rat
Isoelectric Point	7.0
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. 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



Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ERK2 recombinant protein	Signal transduction; Enzyme & Kinase; Tumor immunity; Prokaryotic recombinant
--	---

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 42.8kDa Accurate Molecular Mass: 43kDa
------------------	---

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/extracellular-signal-regulated-kinase-2-erk2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151032>