



Creative Enzymes

Diagnostic Enzymes

Human Erk2 Protein (GST-Tag), Recombinant

Product Information

Cat#	TRA-561
Specification	5µg(min)
Description	Full-length human Erk2 was generated as an N-terminal GST fusion protein 69 kDa in an E. coli expression system. GST-Erk2 was purified by glutathione sepharose chromatography, activated with His-tagged MAP2K1, and then re-purified using glutathione sepharose chromatography.
Applications	For use as a positive control in ERK2 detection assays for MAPK pathway research.
Synonyms	MAPK1, ERK, ERK-2, ERK2, ERT1, MAPK2, P42MAPK, PRKM1, PRKM2, p38, p40, p41, p41mapk, p42-MAPK
Source	E. coli
Molecular Weight	69 kDa
Class	Serine/Threonine Kinase
Group	CMGC
Family	MAPK
Gene Name	MAPK1 mitogen-activated protein kinase 1
Sequence	1-360 (end)
Accession Number	NP_002736.3
Tag	GST-Tag
Tag Location	N-terminal GST
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
Storage	Store at -80°C. Avoid repeating freeze-thaws.

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