



Creative Enzymes

Diagnostic Enzymes

Human Erk1 Protein (GST-Tag), Recombinant

Product Information

Cat#	TRA-560
Specification	5µg(min)
Description	Full-length human Erk1 was produced as an N-terminal GST fusion protein 70 kDa using an E. coli expression system. GST-Erk1 was purified by glutathione sepharose chromatography and then activated with His-tagged MAP2K1. The activated GST-Erk1 was re-purified using glutathione sepharose chromatography.
Applications	For use as a positive control in ERK1 detection assays for MAPK pathway research.
Synonyms	MAPK3, ERK-1, ERK1, ERT2, HS44KDAP, HUMKER1A, P44ERK1, P44MAPK, PRKM3, p44-ERK1, p44-MAPK, p44erk1, p44mapk
Source	E. coli
Molecular Weight	70 kDa
Class	Serine/Threonine Kinase
Group	CMGC
Family	MAPK
Gene Name	MAPK3 mitogen-activated protein kinase 3
Sequence	1-379 (end)
Accession Number	NP_002737.2
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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