



Creative Enzymes

Diagnostic Enzymes

Human p70S6K Protein (GST-Tag), Recombinant

Product Information

Cat#	TRA-679
Specification	5µg(min)
Description	The catalytic domain of human p70S6K with the T412E mutation was co-expressed as an N-terminal GST fusion protein using a baculovirus expression system. GST-p70S6K was purified by glutathione sepharose chromatography.
Applications	For use as a positive control in p70S6K detection assays for mTOR pathway research.
Synonyms	RPS6KB1, PS6K, S6K, S6K-beta-1, S6K1, STK14A, p70S6KA, p70(S6K)-alpha, p70-S6K, p70-alpha
Source	Insect (sf21)
Class	Serine/Threonine Kinase
Group	AGC
Family	RSK
Gene Name	RPS6KB1 ribosomal protein S6 kinase B1
Sequence	1-421
Accession Number	NP_003152.1
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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