



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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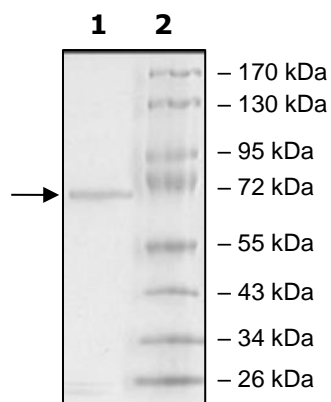
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Construct:	p38 γ (GST-Full Length)
Concentration:	0.10 mg/ml
Species:	Human
Formulated In:	50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol
Expression System:	Sf9
Format:	Aqueous buffer solution
Stability:	At least 6 months at -80°C. Avoid freeze/thaw cycles.
Storage:	-80°C
Genbank Accession:	NM_002969
MW:	71 kDa
Purity:	90%
Specific Activity:	220 pmol/min/ μ g
Assay Conditions:	p38 γ kinase activity was measured P38 Sub synthetic peptide (IPTTPITTTYFFFKKK) diluted in water to a final concentration of 1 mg/ml. Increasing amounts of kinase were mixed with a final concentration of 200 μ g/ml peptide substrate in a buffer consisting of 5 mM MOPS pH 7.2, 2.5 mM β -glycerol-phosphate, 1 mM EGTA, 5 mM MgCl ₂ , 1 mM EGTA and 0.4 mM EDTA with 50 ng/ μ l BSA (bovine serum albumin) and .25 mM fresh DTT (final concentrations). The reaction was initiated by adding 5 μ l [33P]-ATP (1 μ Ci/sample) mixture containing 0.25 mM non-radioactive ATP The blank was determined from a "no substrate" sample. The reaction was incubated for 15 minutes at 30°C and terminated by spotting 20 μ l of the mixture onto phosphocellulose paper strips that were fixed in 1% phosphoric acid and washed three times. Radioactivity was determined using a scintillation counter.
Applications:	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Control Data

4-20% SDS-Page Coomassie Staining



Specific Activity

