SZABO SCANDIC

Part of Europa Biosite

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

NUAK1, GST-Tag

Catalog: 101475

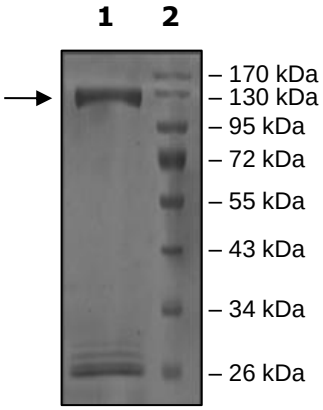
Lot: 220517

Product Information

Construct:	NUAK1 (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_014840
MW:	122 kDa
Purity:	80%
Specific Activity:	54 pmol/min/µg
Assay Conditions:	Kinase activity was measured using a CHKtide peptide substrate (KKKVSRSGLYRSPSMPENLNRPR) diluted in distilled water to a final concentration of 1 mg/ml. Increasing amounts of kinase were mixed with CHKtide peptide substrate with a final concentration of 200 µg/ml in a buffer containing 5 mM MOPS, pH 7.2, 2.5 mM β-glycerol-phosphate, 5 mM $MgCl_2$, 1 mM EGTA, 0.4 mM EDTA and 0.05 mM fresh DTT to a final volume of 20 µl. The reaction was initiated by addition of 5 µl of [33P]-ATP diluted in kinase buffer: 6 ml kinase buffer containing 1 mCi [33P]-ATP, 0.25 mM ATP, 25 mM MOPS, pH 7.2, 12.5 mM β-glycero-phosphate, 25 mM MgCl2, 5 mM EGTA, 2 mM EDTA, and 0.25 mM fresh DTT. After incubating for 30°C for 15 minutes, the reaction was terminated by spotting 20 µl 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. The blank was determined from a "no substrate" sample.
Applications:	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Control Data

4-20% SDS-Page Coomassie Staining



Specific Activity