

Bioactive

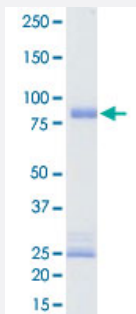
Full-Length

STK38 (Human) Recombinant Protein

Catalog # P5607

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

□

Specification

Product Description

Human STK38 (NP_009202.1, 1 a.a. - 465 a.a.) full-length recombinant protein with GST tag co-expressed with His-tagged MOB1B (NP_775739.1, 1 a.a. - 216 a.a.) expressed in baculovirus infected Sf21 cells.

Host

insect

Theoretical MW (kDa)

81

Form

Liquid

Preparation Method

Baculovirus infected insect cell (Sf21) expression system

Purification

Glutathione sepharose chromatography

Purity	55 % by SDS-PAGE/CBB staining
Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: SGKtide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — STK38

Entrez GeneID	11329
Protein Accession#	NP_009202.1
Gene Name	STK38
Gene Alias	NDR, NDR1
Gene Description	serine/threonine kinase 38
Omim ID	606964
Gene Ontology	Hyperlink
Other Designations	Ndr Ser/Thr kinase-like protein OTTHUMP00000016293 nuclear Dbf2-related 1 serine threonine protein kinase

Disease

- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [NARP](#)