

Recombinant Human MST4 (N-GST tag)

Cat No:HR2R1767

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MST4
Gene ID	N/A
Accession	NM_016542
Alternative Name	MASK; RP6-213H19.1
Species	Human
Source	Insect cells
Description	MST4 belongs to a family of proteins that share similarity with a budding yeast serine/threonine kinase, sterile-20 (Ste20), and have a role in mitogen-activated protein kinase signaling during cytoskeletal rearrangement, morphogenesis, apoptosis, and other diverse cellular events . Expression of MST4 has been shown to correlate with tumorigenicity and inversely with androgen receptor status in a number of human prostate cancer cell lines. Overexpression of MST4 induced anchorage-independent growth and increased in vitro proliferation of these prostate cancer cell lines .?
Functions	The specific activity of MST4 was determined to be 23 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	72
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.