

## Recombinant Human p38 gamma (N-GST tag)

Cat No:HR2R1818

For research use only

### Overview

Quantity	10 µg
Gene Symbol	p38?
Gene ID	N/A
Accession	NM_002969
Alternative Name	ERK3; ERK6; SAPK3; PRKM12; MAPK12
Species	Human
Source	Insect cells
Description	p38? is a member of the p38 MAPK family which is activated in response to stress . p38? gene was mapped to 22q13.3 and functions as a signal transducer during differentiation of myoblasts to myotubes. Enforced localization of p38? in the nucleus or cytoplasm markedly attenuates the ability of the kinase to induce cell cycle arrest in fibroblasts. p38? increases basal glucose uptake and decreases DNP- and contraction-stimulated glucose uptake, partially by affecting levels of glucose transporter expression in skeletal muscle .
Functions	The specific activity of p38? was determined to be 220 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	71
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.