

Bioactive

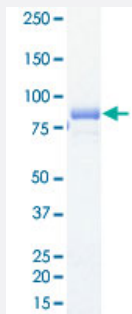
Full-Length

MAPK15 (Human) Recombinant Protein

Catalog # P5549

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human MAPK15 (NP_620590.2, 1 a.a. - 544 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	87
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	94 % 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: Histone H1 peptide. ATP: 500 uM
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 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 — MAPK15

Entrez GeneID	225689
Protein Accession#	NP_620590.2
Gene Name	MAPK15
Gene Alias	ERK7, ERK8
Gene Description	mitogen-activated protein kinase 15
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000189334 extracellular regulated kinase 8 delta extracellular signal regulated kinase 8 extracellular signal-regulated kinase 8