Recombinant Human MKK6 Protein (His &GST Tag)

Catalog Number: PKSH030415

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Species Human Source Baculovirus-Insect Cells-derived Human MKK6 protein Met 1-Asp 334, weiterminal His & GST Calculated MW 65.3 kDa Observed MW 60 kDa Accession P52564-1 Bio-activity Not validated for activity Properties Purity Purity > 80 % as determined by reducing SDS-PAGE. Concentration Subject to label value. Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method. Storage Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. Shipping This product is provided as liquid. It is shipped at frozen temperature with packs. Upon receipt, store it immediately at < - 20°C. Formulation Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 8.0 Data KDa MK R	
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> 80 % as determined by reducing SDS-PAGE.

Background

Dual specificity mitogen-activated protein kinase kinase 6, also known as MAP kinase kinase 6, MAPKK 6, MAPK / ERK kinase 6, SAPKK3, MAP2K6, and MKK6, is a protein that belongs to the protein kinase superfamily, STE Ser / Thr protein kinase family and MAP kinase kinase subfamily. MAP2K6 / MKK6 contains one protein kinase domain. Mitoge n-activated protein kinases are members of a conserved cascade of kinases involved in many signal transduction pathways. They stimulate phosphorylation of transcription factors in response to extracellular signals such as growth factors, cytokines, ultraviolet light, and stress-inducing agents. MAP2K6 / MKK6 exists in a variety of alternatively spliced isoforms with distinct patterns of tissue expression. Isoform 2 of MAP2K6 / MKK6 is only expressed in skeletal muscle. Isoform 1 of MAP2K6 / MKK6 is expressed in skeletal muscle, heart, and to a lesser extent in liver or pancreas.

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