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32-6987: MAP2K6 Human

Alternative Name :	Mitogen-Activated Protein Kinase Kinase 6, PRKMK6, MEK6, MKK6, Stress-Activated Protein Kinase Kinase 3,MAPK/ERK Kinase 6, SAPK Kinase 3, EC 2.7.12.2, MAPKK, SAPKK, SAPKK3, MEK 6, Protein Kinase, Mitogen-Activated, Kinase 6 (MAP Kinase Kinase 6), Dual Specificity Mitogen-Activated Protein Kinase Kinase 6, Kinase 6 (MAP Kinase Kinase 6), MAP Kinase Kinase 6,Mitogen-Activated, Protein Kinase, SKK3.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
Mitogen-Activated Protein Kinase 6 (MAP2K6) is a part of the dual specificity protein kinase family. MAP2K6 phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. MAP2K6 is a vital component of the MAP kinase signal transduction pathway. MAP2K6 takes part in various cellular processes such as stress induced cell cycle arrest and apoptosis.
MAP2K6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 283 amino acids (53-314 a.a) and having a molecular mass of 32kDa.MAP2K6 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	MAP2K6 protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MLEPIMELGR GAYGVVEKMR HVPSGQIMAV KRIRATVNSQ EQKRLLMDLD ISMRTVDCPF TVTFYGALFR EGDVWICMEL MDTSLDKFYK QVIDKGQTIP EDILGKIAVS IVKALEHLHS KLSVIHRDVK PSNVLINALG QVKMCDFGIS GYLVDEVAKE IDAGCKPYMA PERINPELNQ KGYSVKSDIW SLGITMIELA ILRFPYDSWG TPFQQLKQVV EEPSPQLPAD KFSAEFVDFT SQCLKKNSKE RPTYPELMQH PFF.

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