Recombinant Human MAPK12, Gly & Pro tagged

Cat. No. MAPK12-264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK12 (P53778) (Met1-Leu367), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-367 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human MAPK12 consists of 369 amino acids and has a calculated molecular mass of 42.1 kDa. The recombinant protein migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MAPK12 mitogen-activated protein kinase 12 [Homo sapiens]
Official Symbol	MAPK12
Gene ID	6300
mRNA Refseq	NM_002969
Protein Refseq	NP_002960
MIM	602399
UniProt ID	P53778
Chromosome Location	22q13.3

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