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Product datasheet for TP762441

MAP3K13 (NM_004721) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human mitogen-activated protein kinase kinase kinase 13 (MAP3K13), transcript variant 1, Met1-Ile409, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Ile409) of MAP3K13
Tag:	N-His
Predicted MW:	45.6 kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004712
Locus ID:	9175
UniProt ID:	O43283
RefSeq Size:	3568
Cytogenetics:	3q27.2
RefSeq ORF:	2898
Synonyms:	LZK; MEKK13; MLK

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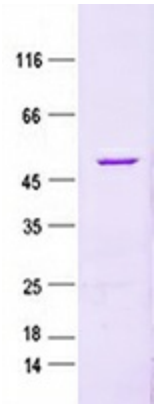
Summary: The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase contains a dual leucine-zipper motif, and has been shown to form dimers/oligomers through its leucine-zipper motif. This kinase can phosphorylate and activate MAPK8/JNK, MAP2K7/MKK7, which suggests a role in the JNK signaling pathway. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Protein Pathways: MAPK signaling pathway

Product images:



Purified recombinant protein MAP3K13 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.