

Recombinant Human Dual specificity mitogen-activated protein kinase kinase 3(MAP2K3)

Catalog No: #AP70523

Package Size: #AP70523-1 20ug #AP70523-2 100ug #AP70523-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Dual specificity mitogen-activated protein kinase kinase 3(MAP2K3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-347aaSequence Info:Full Length
Other Names	MAPK,ERK kinase 3 ;MEK 3Stress-activated protein kinase kinase 2 ;SAPK kinase 2 ;SAPKK-2 ;SAPKK2
Accession No.	P46734
Calculated MW	55.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MESPASSQPASMPQSKGKSKRKKDLRISCMSPAPNPTPPRNLSRTFITIGDRNFEVEADDLVTISELGRG AYGVVEKVRHAQSGTIMAVKRIRATVNSQEQKRLMDLDINMRTVDCFYTVTFYGALFREGDVWICMELMDTS LDKFYRKVLDKNMTIPEDILGEIAVSIVRALEHLHLSKLSVIHRDVKPSNVLINKEGHVKMCDFGISGYLVDVSAKT MDAGCKPYMAPERINPELNQKGYNVKSDVWSLGITMIEMAILRFPYESWGTPFQQLKQVVEEPPQLPADRF SPEFVDFTAQCLRKNPAERMSYLELMEHPFFTLHKTKKT DIAAFVKEILGEDS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38.

References

N-terminal acetylome analyses and functional insights of the N-terminal acetyltransferase NatB.Van Damme P., Lasa M., Polevoda B., Gazquez C., Elosegui-Artola A., Kim D.S., De Juan-Pardo E., Demeyer K., Hole K., Larrea E., Timmerman E., Prieto J., Arnesen T., Sherman F., Gevaert K., Aldabe R.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012)Research Topic:Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.