

Recombinant Human Dual specificity protein phosphatase 14(DUSP14)

Catalog No: #AP70251

Package Size: #AP70251-1 20ug #AP70251-2 100ug #AP70251-3 1mg

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Description

Product Name	Recombinant Human Dual specificity protein phosphatase 14(DUSP14)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-198aaSequence Info:Full Length
Other Names	MKP-1-like protein tyrosine phosphatase Short name: MKP-L Mitogen-activated protein kinase phosphatase 6 Short name: MAP kinase phosphatase 6 Short name: MKP-6
Accession No.	O95147
Calculated MW	38.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MSSRGHSTLPRTLAPRMISEGDIGGIAQITSSLFLGRGSVASNRHLLQARGITCIVNATIEIPNFNWPQFEYVK VPLADMPHAPIGLYFDTVADKIHSVSRKHGATLVHCAAGVSRSATLCIAYLMKFHNVCLEAYNWWKARRPVIR PNVGFWRQLIDYERQLFGKSTVKMVQTPYGIVPDVYEKESRHLMPYWGI
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

Involved in the inactivation of MAP kinases. Dephosphorylates ERK, JNK and p38 MAP-kinases.

References

"Overproduction, purification and structure determination of human dual-specificity phosphatase 14."Lountos G.T., Tropea J.E., Cherry S., Waugh D.S.Acta Crystallogr. D 65:1013-1020(2009) Research Topic:Signal Transduction

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