

# Recombinant Human Dual specificity protein phosphatase 22(DUSP22)

Catalog No: #AP76950

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Package Size: #AP76950-1 20ug #AP76950-2 100ug #AP76950-3 1mg

## Description

Product Name	Recombinant Human Dual specificity protein phosphatase 22(DUSP22)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-184aaSequence Info:Full Length
Other Names	JNK-stimulatory phosphatase-1
Accession No.	Q9NRW4
Uniprot	Q9NRW4
GeneID	56940;
Calculated MW	47.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	GNGMKNKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSARPMLEGVKYLCIPAADSPSQNLTRHFKESIKFIHE CRLRGESCLVHCLAGVSRSVTLVIAYIMTVDFGWEDALHTVRAGRSCANPNVGFQRQLQEFKHEVHQYRQ WLKEEYGESPLQDAEEAKNILAAPGILKFWAFLRRL
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

Activates the Jnk signaling pathway. Dephosphorylates and deactivates p38 and stress-activated protein kinase,c-Jun N-terminal kinase (SAPK,JNK)

## References

"Activation of the Jnk signaling pathway by a dual-specificity phosphatase, JSP-1."

Shen Y., Luche R., Wei B., Gordon M.L., Diltz C.D., Tonks N.K.

Proc. Natl. Acad. Sci. U.S.A. 98:13613-13618(2001)Research Topic:Cell Biology

Note: This product is for in vitro research use only