

Recombinant human 14-3-3 protein beta/alpha

Catalog No: #AP71725



Package Size: #AP71725-1 20ug #AP71725-2 100ug #AP71725-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human 14-3-3 protein beta/alpha
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-246aaSequence Info:Full Length
Other Names	Protein 1054Protein kinase C inhibitor protein 1 ;KCIP-1
Accession No.	P31946
Uniprot	P31946
GeneID	7529;
Calculated MW	55.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTE RNEKKQQMKGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLMKMGDYFRYLSEVASGDNKQTTVS NSQQAYQEAFEISKKEMQPHTPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIM QLLRDNLTLWTSENQGDGEGEGEN
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

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.

References

Molecular cloning and expression of the transformation sensitive epithelial marker stratifin. A member of a protein family that has been involved in the protein kinase C signalling pathway.Leffers H., Madsen P., Rasmussen H.H., Honore B., Andersen A.H., Walbum E., Vandekerckhove J., Celis J.E.J. Mol. Biol. 231:982-998(1993)Research Topic:Signal Transduction

Note: This product is for in vitro research use only