

## Recombinant Homo sapiens Dynactin subunit 4

Catalog No: #AP73148

Package Size: #AP73148-1 20ug #AP73148-2 100ug #AP73148-3 1mg

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## Description

Product Name	Recombinant Homo sapiens Dynactin subunit 4
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-460aaSequence Info:Full Length
Other Names	Dynactin subunit p62
Accession No.	Q9UJW0
Uniprot	Q9UJW0
GenID	51164;
Calculated MW	54.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASLLQSDRVLYLVQGEKQVRAPLSQLYFCRYCSELRSLECVSHEVDSHYCPSCLNMPSAEAKLKKNCANC FDCPGCMHTLSTRATSISTQLPDDPAKTTMKKAYYLACGFCRWTSRDVGMADKSVASGGWQEPENPHTQR MNLKIEYYQQLAQKEKVERDRKKLARRRNYMPLAFSDKYGLGTRLQRPRAGASISTLAGLSLKEGEDQKEIKIE PAQAVDEVEPLPEDYYTRPVNLTEVTTLQQRLLQPDFQPVCASQLYPRHKHLLIKRSLRCRKCEHNLSKPEFN PTSIFKFIQLVAVNYIPEVRIMSIPNLRMYKESQVLLTLNTPVENLTHVTLFECEEEDPDDINSTAKVVVPPKELV LAGKDAAAEYDELAEPQDFQDDPDIIAFRKANKVGIKIVTPQREEGEVTVCFMKMKHDFKNLAAPIRPIEESDQG TEVIWLTQHVELSLGPLL
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

Could have a dual role in dynein targeting and in ACTR1A,Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.

## References

A dynactin subunit with a highly conserved cysteine-rich motif interacts directly with Arp1.Karki S., Tokito M.K., Holzbaur E.L.F.J. Biol. Chem. 275:4834-4839(2000)Research Topic:Signal Transduction

Note: This product is for in vitro research use only