

Recombinant Homo sapiens Septin-7

Catalog No: #AP73049

Package Size: #AP73049-1 20ug #AP73049-2 100ug #AP73049-3 1mg

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Description

Product Name	Recombinant Homo sapiens Septin-7
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-437aaSequence Info:Full Length
Other Names	CDC10 protein homolog
Accession No.	Q16181
Uniprot	Q16181
GeneID	989;
Calculated MW	52.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SVSARSAAAEERSVNSSTMVAQQKNLEGYVGFANLPNQVYRKSVKRGFEFTLMVVGESGLGKSTLINSFLT DLYSPEYPGPSHRIKKTQVEQSKVLIKEGGVQLLLTIVDTPGFGDAVDNSNCWQPVIDYIDSKFEDYLNAESR VNRQRMPDNRVQCCLYFIAPSGHGLKPLDIEFMKRLHEKVNIPLIAKADTLTPEECQQFKKQIMKEIQEHKIKIY EFPETDDEEENKLVKKIKDRLPLAVVGSNTIIEVNGKRVGRQYPWGVAEVENGEHCDFILRNMLIRTHMQDL KDVTNNVHYENYRSRKLAAVTYNGVDNKNKGQLTKSPLAQMEERREHVAKMKMEMEMEQVFEMKVKE KVQKLDSEAEELQRRHEQMKNLEAQHKELEEKRRQFEDEKANWEAQRILEQQNSSRTLEKNKKKGKIF
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

Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Required for normal progress through mitosis. Involved in cytokinesis. Required for normal association of CENPE with the kinetochore. Plays a role in ciliogenesis and collective cell movements.

References

Global, in vivo, and site-specific phosphorylation dynamics in signaling networks.Olsen J.V., Blagoev B., Gnäd F., Macek B., Kumar C., Mortensen P., Mann M.Cell 127:635-648(2006)Research Topic:Cell Biology

Note: This product is for in vitro research use only