

PAP39 (PRPSAP1)

PDB:2C4K

Revision

Revision Type:created

Revised by:created

Revision Date:created

Entry Clone Accession:gi|14290488

Entry Clone Source:MGC

SGC Clone Accession:

Tag:N-terminal hexahistidine tag with integrated TEV protease cleavage site:
mhHHHHHSSGVDLGTENLYFQSMRTGYRVFSANSTAACTELAKRITERLGAELGKSVVYQETNGETRVEIKESVRGQDIFIQTIPR

Host:BL21(DE3)-Gold containing the chaperon plasmid pG-Tf2 (Takara).

Construct

Prelude:

Sequence:

MHHHHHSSGVDLGTENLYFQSMRTGYRVFSANSTAACTELAKRITERLGAELGKSVVYQETNGETRVEIKESVRGQDIFIQTIPR
DVNTAVMELLIMAYALKTACARNIIGVIPYFPYSKQSKMRKRSIVCKLLASMLAKAGLTHIITMDLHQKEIQGFFSFPVDNLRASP
FLLQYIQEEIPNYRNAVIVAKSPDAAKRAQSYAERLRLGLAVIHGEAQCTELDMDGRHSPPMVKNATVHPGLELPLMMAKEKPPIT
VVGDVGGRIAIIVDDIIDDVESFVAAAEILKERGAYKIYVMATHGILSAEAPRLIEESSVDEVVVTNTVPHEVQKLQCPKIKTVDIS
LILSEAIRRIHNGESMAYLFRN

Vector:pNIC-Bsa4

Growth

Medium:

Antibiotics:

Procedure:

Purification

Procedure

Extraction

Procedure

Concentration:

Ligand

MassSpec:

Crystallization:

NMR Spectroscopy:

Data Collection:

Data Processing: